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United States
Department of
Agriculture

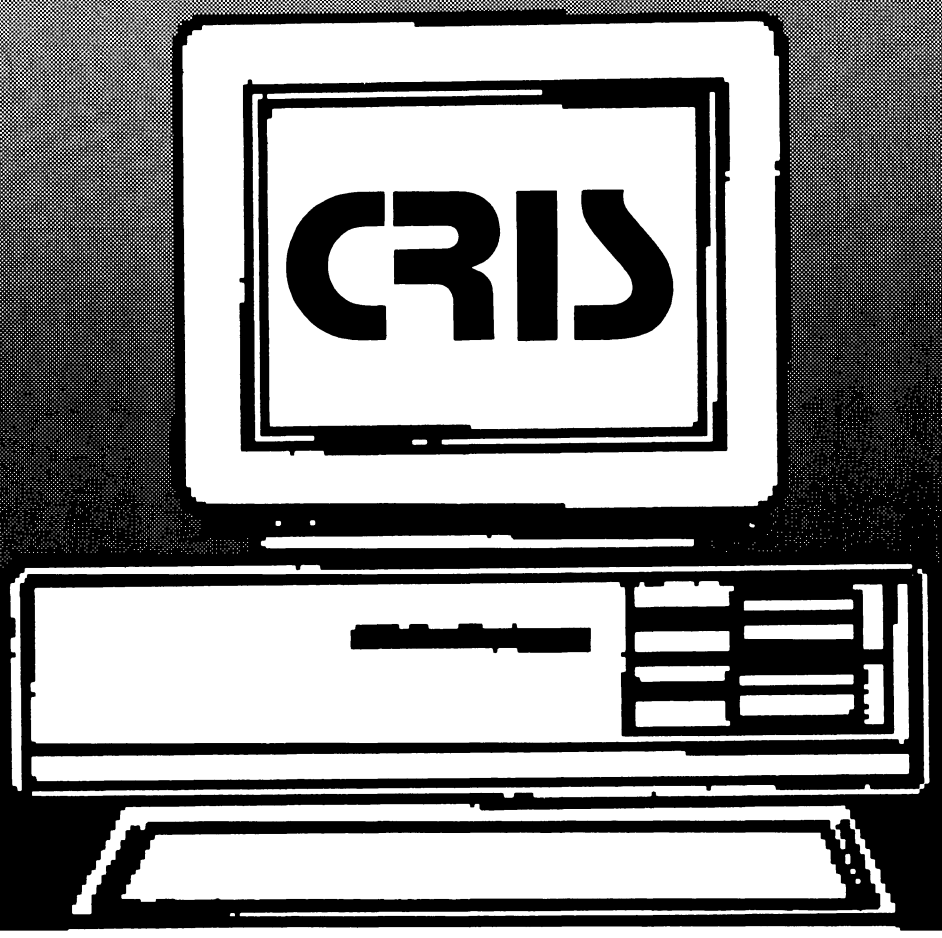
Cooperative State
Research Service

Current Research
Information System

CRIS

Inventory of Agricultural Research Fiscal Year 1993

Current Research Information System



INVENTORY OF AGRICULTURAL RESEARCH

FISCAL YEAR 1993

Fiscal year 1993 covers the period from October 1, 1992, through September 30, 1993.

This report was compiled from data provided to the Current Research Information System, Cooperative State Research Service, by U.S. Department of Agriculture Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and other institutions.

Issued by

COOPERATIVE STATE RESEARCH SERVICE
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

August 1994

TABLE OF CONTENTS

Introduction vii

Table Descriptions
- Table II viii
- Table III x
- Table IV xi
- Table IV-F xiii
- Table V xiv

CRIS Input Forms xvi

Classification Codes and Descriptors
- Commodity or Resource xx
- Research Problem Area xxii
- Research Program Group/Research Program xxvi

Special Graphic Section

Funds/Percent - By Research Program Group

- National Total - USDA, SAES, Other Institutions S-1
- National Total - USDA Research Agencies S-2
- National Total - SAES, Other Institutions S-3
- Regional Total - SAES, Other Institutions S-4

CONTENTS (continued)

Pages

TABLES II-B and II-D
Summary for Commodity or Resource
and Research Problem Areas

National Total, USDA, SAES, Other Institutions 1-3
National Total SAES and USDA 4-6
National Total USDA Research Agencies 7-9
Agricultural Cooperative Service (ACS) 10
Agricultural Research Service (ARS) 11-12
Cooperative State Research Service (CSRS) Special Grants 13-14
NRI Competitive Grants Program (NRICGP) 15-16
Economic Research Service (ERS) 17
Forest Service (FS) 18
Small Business Innovation Research Grants (SBIR) 19

National Total SAES, Other Institutions 20-22

National Total State Agricultural Experiment Stations (SAES) 23-25

Station Totals SAES (Table II-B only)
Alabama, Alaska, American Samoa 26
Arizona, Arkansas 27
California 28
Colorado, Connecticut (New Haven) 29
Connecticut (Storrs), Delaware 30
District of Columbia, Florida 31
Georgia, Guam 32
Hawaii, Idaho 33
Illinois 34
Indiana 35
Iowa, Kansas 36
Kentucky 37
Louisiana, Maine 38
Maryland, Massachusetts 39
Michigan 40
Minnesota, Mississippi 41
Missouri, Montana 42
N. Marianas, Nebraska 43
Nevada, New Hampshire 44
New Jersey, New Mexico 45
New York (Geneva), New York (Ithaca) 46
North Carolina, North Dakota 47
Ohio, Oklahoma 48
Oregon, Pennsylvania 49
Puerto Rico, Rhode Island 50
South Carolina, South Dakota 51

CONTENTS (continued)

Pages

Tennessee, Texas 52
Utah, Vermont 53
Virgin Islands, Virginia 54
Washington, West Virginia 55
Wisconsin, Wyoming 56

National Total Forestry Schools 57
Forestry Schools (Table II-B only)
Ann Arbor, Arcata, Burlington, Carbondale, Clemson 58
Corvallis, Flagstaff, Ft. Collins, Houghton 59
Missoula, Moscow, Nacogdoches, Raleigh, Ruston 60
San Luis Obispo, Seattle, Syracuse 61

National Total 1890/Tuskegee Institutions 62-63
1890/Tuskegee Institutions (Table II-B only)
Greensboro, Normal, Tuskegee 64
Lorman, Pine Bluff, Dover, Tallahassee 65
Fort Valley, Frankfort, Langston 66
Jefferson, Princess Anne, Prairie View 67
Orangeburg, Baton Rouge, Nashville, Petersburg 68

National Total Schools of Veterinary Medicine 69
Schools of Veterinary Medicine (Table II-B only)
Alabama, California, Colorado, Florida 70
Georgia, Illinois, Iowa, Louisiana 71
Massachusetts, Minnesota, Missouri, North Carolina, New York 72
Ohio, Oregon, Pennsylvania, Texas 73
Tuskegee, Washington 74

National Total Other Non-Federal Institutions 75-76

TABLES III-B AND III-D
Data on Funds by Method of Expenditure and Source for Fiscal Year for Commodity or Resource and Research Problem Areas for USDA Research Agencies

National Total USDA Research Agencies 77-79
Agricultural Cooperative Service (ACS) 80
Agricultural Research Service (ARS) 81-82
Cooperative State Research Service (CSRS) Special Grants 83-84
NRI Competitive Grants Program (NRICGP) 85-86
Economic Research Service (ERS) 87
Forest Service (FS) 88
Small Business Innovation Research Grants (SBIR) 89

CONTENTS (continued)

Pages

TABLE III-E
Summary Data by Method of Expenditure and Source for Fiscal Year for USDA Agencies

National Total USDA Research Agencies 90

TABLES IV-B and IV-D
Data on Funds by Source for Fiscal Year for Commodity or Resource and Research Problem Areas for State Agricultural Experiment Stations, Forestry Schools and Other Cooperating Institutions

National Total SAES, and Other Institutions 91-93
Regional Total SAES, and Other Institutions
Region 1 (Northeast) 94-96
Region 2 (Southern) 97-99
Region 3 (North Central) 100-102
Region 4 (Western) 103-105
National Total State Agricultural Experiment Stations (SAES) 106-108
National Total Forestry Schools 109-110
National Total 1890/Tuskegee Institutions 111-112
National Total Schools of Veterinary Medicine 113
National Total Other Non-Federal Institutions 114-115

TABLE IV-E
Summary Data by Source for Fiscal Year for State Agricultural Experiment Stations and Other Cooperating Institutions - CSRS and Non-Federal Sources

Region 1 (Northeast) 116
Region 2 (Southern) 117
Region 3 (North Central) 118
Region 4 (Western) 119

TABLE IV-F
Summary Data by Source for Fiscal Year for State Agricultural Experiment Stations and Other Cooperating Institutions - Other Federal Sources

Region 1 (Northeast) 120
Region 2 (Southern) 121
Region 3 (North Central) 122
Region 4 (Western) 123

TABLE IV-G
Summary Data by Source for Fiscal Year for State Agricultural Experiment Stations and Other Cooperating Institutions

Summary by Organization 124

CONTENTS (continued)

	Pages	
TABLE V-C AND V-B Scientist Years by Research Program Group and Research Program	**RPG**	**RP**
National Summaries	125	128-129
Regional Summaries		
Foreign	126	130
Region 1 - Northeast	126	131-132
Region 2 - Southern	126	133-134
Region 3 - North Central	127	135-136
Region 4 - Western	127	137-138

INTRODUCTION

The Inventory of Agricultural Research is a collection of statistical tables compiled annually since 1966 on research conducted by the United States Department of Agriculture (USDA), State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee University, Colleges of Veterinary Medicine, and other institutions. The tables were designed to assist persons who carry out the "joint research program planning, evaluation, and coordination" recommended in the long-range study, *A National Program of Research for Agriculture*, published in October 1966. Input data is provided to the Current Research Information System (CRIS) by USDA Research Agencies on Forms AD-416, AD-417, and AD-418, and by State Agricultural Experiment Stations and other institutions on Forms AD-416, AD-417, and AD-419 (see Table of Contents).

From 1968 through 1981, the Inventory was published in three-volume sets. Publication of Volume I was discontinued in 1982. Volumes II and III were combined into a single volume in 1983.

Tables in the II series show scientist years and funds for USDA agencies and SAES et al. Tables in the III series show funding data for USDA research by source of funds. Tables in the IV series show funding data for SAES et al. by source of funds.

The II-B, III-B, and IV-B Tables show a breakdown of the data by the commodity classification used in the long-range study. The II-D, III-D, and IV-D Tables show data for each of the 98 Research Problem Areas (RPA) used in the long-range study. The III-E and IV-E Tables provide summaries of funds and scientist years by agency or station/institution.

Table V shows scientist years by Research Program Group (RPG) and Research Program (RP). RPs and RPGs are made up of unique combinations determined by type of research (agricultural or forestry), activity, commodity, and Research Problem Area (RPA) classification. Starting with Fiscal Year 1993, Inventory Tables V-C & V-B are provided only for National and Regional Summaries. Country/State summaries, included in previous editions of the Inventory, may be requested from the CRIS office.

All funds appearing in this volume are gross figures. This means that funds not allocated to specific research projects, but considered to be an integral part of the cost of doing research, are prorated to the appropriate research projects. The nature and amount of funds not allocated to projects vary among the stations and USDA agencies. Non-allocated funds usually include costs for administration, supervision, and personnel and financial services. They may also include publications and statistical services, rent, operation of research farms, and other expenditures that relate to several or all projects. Prior to Fiscal Year 1972, Tables III and IV reflected net funds.

Starting with Fiscal Year 1982, all inventory tables include data from cooperating Schools of Veterinary Medicine. Starting with Fiscal Year 1986, funds provided by the Agency for International Development (AID) are included with Other Federal Funds in Series II, III and IV Tables.

Funds and staff support for a number of Forestry Schools and Schools of Veterinary Medicine are included with the State Agricultural Experiment Station figures, rather than listed independently.

Research Work Unit/Project Classification - Listings of the appropriate classification categories are included in this volume. More complete descriptions of classification can be found in the "*Manual of Classification of Agricultural and Forestry Research.*"

Classification on individual Research Work Unit/Projects is provided on Form AD-417. Many inputs used only one line. For example, a project carried out by an entomologist on control of cotton insects would be coded:

"Research Problem Area" - 207 (Control of insect pests of field crops), "Activity" - 4500 (Insect control), "Commodity" - 2100 (Cotton), "Field of Science" - 0412 (Entomology) - 100%

Some inputs (projects) could not be classified on a single classification line. For example, a project carried out by a geneticist on breeding corn for disease resistance and improved yield would use two classification lines. If, in the judgment of the person preparing the input form, three-fourths of the emphasis were on disease resistance and one-fourth on yield, the lines would be:

"Research Problem Area" - 208 (Control of disease of field crops), "Activity" - 4600 (Disease Protection), "Commodity" - 1400 (Corn), "Field of Science" - 0512 (Genetics) - 75%

"Research Problem Area" - 307 (Improvement of biological efficiency of field crops), "Activity" - 5000 (Biological efficiency), "Commodity" - 1400 (Corn), "Field of Science" - 0512 (Genetics) - 25%

In the Research Problem Area tabulations, 75% of the scientist years and of the funds reported for this project would be aggregated with other projects in the Problem Area, "Control of Diseases of Field Crops," and 25% would be aggregated with other projects in the Research Problem Area, "Improvement of Biological Efficiency of Field Crops." In the Commodity tabulations, 100% of this project would be in "Corn."

FY 1993 DATA WERE PROJECTED FROM ESTIMATED FY 1992 DATA FOR THE FOLLOWING INSTITUTIONS: UNIVERSITY OF GUAM AND NORTHERN MARIANAS COLLEGE (AGRICULTURAL EXPERIMENT STATIONS); AND SOUTHERN UNIVERSITY (1890 INSTITUTION).

TABLE II

Table II summarizes data on the research programs of the United States Department of Agriculture (USDA) research agencies, the State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee University, Colleges of Veterinary Medicine and other institutions.

Column 1 includes abbreviations for the Commodity and Research Problem Area (RPA) Classifications. See the *Manual of Classification of Agricultural and Forestry Research*, for a more detailed description of the Commodity and RPA classification.

"NO OF PROJ," column 2 gives the number of projects in a particular classification category. Projects with more than one line of classification may be tabulated in more than one category.

"SCIENTIST YEARS," column 3 includes for SAES et al. all research workers with a rank of Assistant Professor or above. It excludes graduate assistants and research administrators. For staff members engaged in research and teaching (or other non-research activities), only the full-time equivalent of the portion of time devoted to research is included. A count of the different individuals engaged in the program would be greater than the scientist-years reported. For USDA agencies, scientist-years include research workers whose rating is GS-11 or above. It does not include those with GS-7 or GS-9 ratings or those engaged in research administration. Scientists who start work after October of the Fiscal Year, or whose employment is terminated before September 30, are reported for only that portion of the year which represents actual employment. Scientist-years are not provided for grants, contracts or cooperative agreements in the year of obligation.

"REG FED APPR (CSRS ADMSTRD)," column 4 means Regular Federal Appropriations (including those administered by the Cooperative State Research Service). For USDA research agencies, including NRI Competitive Research Grants, CSRS Special Grants, Small Business Innovation Research Grants, and Cooperative Agreements, the amounts reported are the sums of the amounts in Fields 101, 104, 105, 106, and 107 of Form AD-418, plus the amount in Field 20 of Form AD-416 for grants, contracts and cooperative agreements in the year of obligation. The second portion of this heading, "CSRS ADMSTRD," applies only to Federal funds made available by CSRS to SAES et al. For these institutions, the amounts reported are the sums of the amounts in Fields 201, 202, 203, and 205 of Form AD-419.

"TOTAL FUNDS," column 5 includes for USDA all funds under "REG FED APPR," plus "Other Federal Research Funds" as reported on Form AD-418, plus "Non-Federal Research Funds" as reported on Form AD-418. For SAES et al. "TOTAL FUNDS" includes "REG FED APPR," plus "Other Federal Research Funds" as reported on Form AD-419, plus "Non-Federal Research Funds" as reported on Form AD-419.

"USDA CON/GT/CA WITH SAES," columns 6 and 7 refer to contracts, grants, and cooperative agreements under which the USDA uses federally appropriated funds to SAES et al. for the performance of specific research tasks. They include NRI Competitive Research Grants and CSRS Special Grants but not grants from other CSRS administered funds. Scientist-years and fund data reported in these columns are also included in columns 3 and 5. SAES et al. report expenditures of these funds in Fields 204 and 219 of Form AD-419. Scientist-years supported by these funds are not reported separately for SAES et al. in column 6 but are included in

column 3. USDA agencies treat each contract, grant, or cooperative agreement with an SAES as a separate work unit or project. The amounts included in column 7 by USDA are reported in Field 20 of Form AD-416. This field shows the expected scientist-years to be "purchases," usually over a multi-year period, with the funds reported as obligated.

In the Tables for National Total USDA - SAES - Other Institutions, all data have been adjusted to eliminate double counting of the scientists and funds involved in USDA contracts, grants, and cooperative agreements with the SAES et al. This is done for scientist years by adding USDA amounts in column 3 to the corresponding amounts for SAES et al. and subtracting the USDA amounts in column 6. This is done for funds by adding USDA amounts in column 5 to the corresponding amounts for SAES et al. and subtracting the USDA amounts in column 7.

TABLE III

Table III summarizes data on the research programs of the USDA research agencies.

Columns 1 and 2 are the same as those columns in Table II.

STAFF - SUPPORT YEARS

Column 3, "SYS" is the number of federally employed (in-house) support scientist years (Field 141 of Form AD-418). SYS are not provided for contracts, grants or cooperative agreements in the year of obligation.

Column 4, "OTHER" is a summation of the federally employed (in-house) staff support for research in years of effort for Professional, Technical, and Other (Fields 142, 143 and 144 of Form AD-418).

FUNDS - IN THOUSANDS OF DOLLARS

Columns 5-15 involve rounding each datum to the nearest $1,000, and because of this the items in a column may not add exactly to the total shown. Please note that funds shown are gross obligations.

Column 5, "REG IN HOUSE" includes regular appropriations used for in-house research (Field 101 of Form AD-418).

Column 6, "CGCA SAES" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with State Agricultural Experiment Stations (Field 20 of Form AD-416).

Column 7, "OTHER CN GT" includes funds obligated during the year from regular appropriations in contracts, grants, and cooperative agreements with research organizations other than those included in Column 8 (Field 20 of Form AD-416).

Columns 8 and 9, "SP FD 015" and "SP FD 010" include obligations for sub-professional help on research programs based on two special funds available to the Agricultural Research Service (see Fields 104 and 105 of Form AD-418).

Column 10, "FORST SERV" includes funds received by the Forest Service under provisions of the Whitten Act (Field 106 of Form AD-418).

Column 11, "OTHER USDA" includes any other USDA funds appropriated for research which are not identified with Fields 101 to 106, inclusive, of Form AD-418 (reported in Field 107 of Form AD-418).

Column 12, "TOTAL USDA APPR" is a total of the amounts reported in Columns 7, 8, 9, 10, 11, 12, and 13.

Column 13, "OTHER FED FUND" includes all funds from Federal sources other than USDA research appropriations (Fields 308, 310-316, inclusive, and Field 318 of Form AD-418).

Column 14, "NON-FED FUND" includes all funds made available to the Department for research by non-Federal agencies (Field 133 of Form AD-418).

Column 15, "TOTAL" is a summation of all funds reported in Columns 12, 13, and 14.

TABLE IV

Table IV summarizes data on the research programs of the State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee University, Colleges of Veterinary Medicine, and other institutions.

Included in the summaries for the Northeast Region are the research programs of all SAES et al. in: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and West Virginia.

Included in the summaries for the Southern Region are the research programs of all SAES et al. in: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virgin Islands, and Virginia.

Included in the summaries for the North Central Region are the research programs of all SAES et al. in: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

Included in the summaries for the Western Region are the research programs of all SAES et al. in: Alaska, American Samoa, Arizona, California, Colorado, Guam, Hawaii, Idaho, Montana, Nevada, New Mexico, Northern Marianas, Oregon, Utah, Washington, and Wyoming.

Columns 1 and 2 are the same as those columns in Table II.

STAFF - SUPPORT YEARS

Column 3, "SYS" is the number of scientist years (Field 241 of Form AD-419).

Column 4, "OTHER," is the summation of the non-Federally employed staff support for research in years of effort for three categories of support personnel, i.e. Professional, Technical, and Other (Fields 242, 243, and 244 of Form AD-419).

FUNDS IN THOUSANDS OF DOLLARS

Columns 5-19, inclusive, involve rounding each datum to nearest $1,000, and because of this, items in a column may not add exactly to the total shown.

Column 5, "HATH/RRF," includes obligations of formula funds, including regional research funds, received by SAES from Federal appropriations authorized under provisions of the Hatch Act (Field 201 + Field 202 of Form AD-419).

Column 6, "MCIN STEN," includes obligations of funds received by SAES and Forestry Schools under provisions of the McIntire-Stennis Act (Field 203 of Form AD-419).

Column 7, "SP GT" includes obligations of funds received by SAES et al. from the Federal appropriations made to CSRS for Special Grants or Cooperative Agreements (Field 204 of Form AD-419).

Column 8, "COMP GT" includes expenditures of funds received by SAES et al. from the NRI Competitive Research Grants Program (Field 204 of Form AD-419).

Column 9, "EVNS ALLN" includes obligations of formula funds received by the Colleges of 1890 and Tuskegee University from Federal appropriations authorized under PL 95-113, Section 1445 (Field 205 of Form AD-419).

Column 10, "ANML HLTH" - Animal Health and Disease Research includes obligations of formula funds received by Colleges of Veterinary Medicine and SAES from Federal appropriations authorized under PL 95-113, Section 1433 (Field 205 of Form AD-419).

Column 11, "OTH CSRS" includes obligations of funds received by SAES et al. from any appropriation administered by CSRS other than those specifically mentioned in columns 5-10 (Field 205 of Form AD-419).

Column 12, "TOTAL CSRS" includes obligations of funds received by SAES et al. from Federal appropriations made to CSRS. It is a total of the amounts reported in columns 5, 6, 7, 8, 9, 10, and 11.

Column 13, "USDA CGCA" includes obligations of funds received by SAES et al.

from contracts, grants, and cooperative agreements with the research performing agencies of the USDA (Field 219 of Form AD-419).

Column 14, "OTH FED" includes obligations of funds received by SAES et al. from contracts, grants and cooperative agreements with Federal agencies other than the USDA (Field 332 minus Field 219 of Form AD-419).

Column 15, "STATE APPRO" includes obligations of funds received by SAES et al. from State appropriations (Field 220 of Form AD-419).

Column 16, "PROD SALES" includes obligations of funds received by SAES et al. from self-generated funds (Field 221 of Form AD-419).

Column 17, "INDTRY" includes obligations of funds received by SAES et al. from industry (Field 222 of Form AD-419).

Column 18, "OTHER" includes obligations of funds received by SAES et al. from any other non-Federal sources (Field 223 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of research projects. It is a total of columns 12, 13, 14, 15, 16, 17, and 18.

TABLE IV-F

Columns 1, 2, 3, and 4 are the same as above.

Column 5, "CSRS ADM" is the sum of all funds received by SAES et al. from any sources administered by CSRS (Fields 201, 202, 203, 204, and 205 of Form AD-419).

Column 6, "USDA CGCA" is same as column 13 above (Field 219 of Form AD-419).

Column 7, "NSF" includes obligations of funds received by SAES et al. from the National Science Foundation (Field 209 of Form AD-419).

Column 8, "DOE" includes obligations of funds received by SAES et al. from the Department of Energy (Field 310 of Form AD-419).

Column 9, "AID" includes obligations of funds received by SAES et al. from the Agency for International Development (Field 308 of Form AD-419).

Column 10, "DOD" includes obligations of funds received by SAES et al. from the Department of Defense (Field 311 of Form AD-419).

Column 11, "NIH" includes obligations of funds received by SAES et al. from the National Institutes of Health (Field 316 of Form AD-419).

Column 12, "PHS" includes obligations of funds received by SAES et al. from the

Public Health Service (Field 312 of Form AD-419).

Column 13, "HHS" includes obligations of funds received by SAES et al. from the Department of Health and Human Services (Field 313 of Form AD-419).

Column 14, "NASA" includes obligations of funds received by SAES et al. from the National Aeronautics and Space Administration (Field 314 of Form AD-419).

Column 15, "TVA" includes obligations of funds received by SAES et al. from the Tennessee Valley Authority (Field 315 of Form AD-419).

Column 16, "OTHER" includes obligations of funds received by SAES et al. from any non-USDA Federal sources not listed above (Field 318 of Form AD-419).

Column 17, "TOTAL OTHER FED" includes obligations of funds received by SAES et al. from all non-USDA Federal sources. It is a total of the amount reported in Columns 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16 (Field 332 of Form AD-419).

Column 18, "TOTAL NON-FED" includes obligations of funds received by SAES et al. from all non-Federal sources (Field 233 of Form AD-419).

Column 19, "TOTAL" includes all obligations of SAES et al. in support of Research Projects. It is a total of Columns 5, 6, 17, and 18 (Field 234 of Form AD-419).

TABLE V

Table V summarizes data on the research programs of the USDA research agencies, the State Agricultural Experiment Stations (SAES), Forestry Schools, Colleges of 1890 and Tuskegee University, Colleges of Veterinary Medicine and other institutions. Table V-B shows scientist years by Research Program. Table V-C shows scientist years by Research Program Group.

The material is organized into manageable units and subunits based on type of research (agricultural or forestry), Activity, Commodity, and Research Problem Area (RPA) classification. The various Activity X Commodity X RPA combinations for the two types of research aggregate to 63 Research Programs (RPs) which, in turn, aggregate to eight (8) Research Program Groups (RPGs). One additional RP/RPG has been established for unclassified projects. Duplication has been eliminated by designating each unique Type X Activity X Commodity X RPA combination as having a primary impact on only one of the 63 RPs. For example, a research project conducted by the Agricultural Research Service concerning watershed protection, Activity 4820 "Protection against Flood" Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having a primary impact on RP 1.02 "Water and Watersheds." A research project conducted by the Forest Service concerning watershed protection Activity 4820 "Protection against Flood" Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having primary impact on RP 2.04 "Forest Watersheds, Soils, and Pollution."

Forestry Research (type) includes all research conducted by Forest Service, Forestry Schools funded by McIntire-Stennis or designated Forestry by the Cooperative State Research Service. All other research is considered agricultural research. Columns 3 and 4 (agricultural) and 3 and 5 (forestry) show the combinations which have primary impact on each research program.

Effective with Fiscal Year 1980 data, a number of changes were made to the Research Program Group (RPG) and Research Program (RP) structures described in this publication. Added visibility for the Food and Human Nutrition Research area was achieved by removing it from former RPG 5.00 - People, Communities and Institutions establishing a new RPG 8.00 - Food Science and Human Nutrition. The title for RPG 5.00 was amended to "People, Communities and Institutions - Including Rural Development" and two new RPs were added. Commodity oriented research, formerly classified under RPG - 7.00 General Research or Technology, was moved to the appropriate major category (RPG) by adding a number of new RPs to RPG 1.00 - Natural Resources, RPG 2.00 - Forestry, RPG 3.00 - Crops, and RPG 4.00 - Animals. Additionally, former RP 7.01 was split into two RPs. Please see the RPG/RP table for the specific changes.

Scientist years (SYS) are listed by performing organization with the following exception: SYS funded by USDA contracts, grants and cooperative agreements with organizations other than SAES are listed by funding organization.

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION-RESEARCH RESUME

U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS

DATE *(Day, Month, Year)*

1. ACCESSION NO.	AGENCY IDENTIFICATION NO. 2. 3. 4.	5. WORK UNIT/PROJECT NO.	6. STATUS New A☐ Extended B☐ Revised C☐ Termi-nated E☐

7. TITLE

8. PERFORMING ORGANIZATION *(Mailing Address, Including Dept.)*			9. REGIONAL PROJECT NO.
			Cooperating Departments within State Performing Institution
			10.
CITY	STATE/COUNTRY	ZIP CODE	11.

12. INVESTIGATOR NAME(S) *(Last Name & Initial)*

1 _____ 3 _____ 5 _____

2 _____ 4 _____ 6 _____

PROJECT TYPE		USDA CONTRACTS, GRANTS & COOPERATIVE AGREEMENTS	
17. FOR USDA USE	18. FOR STATE USE	19. CONTRACT/GRANT/AGREEMENT NO.	
A☐ Contract C☐ Coop Agmt B☐ Grant D☐ In-House	H☐ HATCH M☐ M-S T☐ EVANS-ALLEN A☐ AN HLTH S☐ STATE G☐ SP GR C☐ COMP GR K☐ SBIR P☐ COOP AGMT	20. AMOUNT	21. FY

24. OBJECTIVES 25. APPROACH *(Use space needed for "24. OBJECTIVES," then indicate "25. APPROACH.")*

27. KEYWORDS *(Use hyphens within multi-term keywords. Separate keywords with spaces.)* **EXAMPLE: FEED DAIRY - CATTLE CALVES FEED - NUTRITIVE - VALUE**

RECOMMENDED			APPROVED — *Check applicable* — CONCURRED			
SIGNATURE	TITLE	DATE	☐	SIGNATURE	TITLE	DATE ☐
			☐			☐
			☐			☐

28. AWARD DATE *(Day, Mo., Yr.)*	29. START DATE *(Day, Mo., Yr.)*	30. TERMINATION DATE *(Day, Mo., Yr.)*	DURATION *(Months)*

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION-CLASSIFICATION OF RESEARCH

U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATIONS AND OTHER INSTITUTIONS

DATE *(Day, Month, Year)*

1. ACCESSION NO.	AGENCY IDENTIFICATION NO. 2. 3. 4.	5. WORK UNIT/PROJECT NO.

32. BASIC RESEARCH %	33. APPLIED RESEARCH %	34. DEVELOPMENT EFFORT %	35. FORESTRY COMPONENT %

PRIMARY CLASSIFICATION BY RESEARCH PROBLEM AREA, ACTIVITY, COMMODITY, AND SCIENCE

	RESEARCH PROBLEM AREA CODE (1)	ACTIVITY CODE (2)	COMMODITY CODE (3)	SCIENCE CODE (4)	PERCENT EFFORT % (5)
36.					
37.					
38.					
39.					
40.					
41.					
42.					
43.					
44.					
45.					

THE SUM OF THE PERCENTAGES IN COLUMN (5) MUST EQUAL 100%

Use only valid combinations of research problem area, activity, and commodity in Fields 36-45. Refer to your agency manual or the "Manual of Classification of Agricultural and Forestry Research" for specific codes and instructions.

SUB-COMMODITY CLASSIFICATION

One or more sub-commodity codes must be entered below when the primary commodity code used is 0100, 0300, 0500-1000, 1200-1400, 1700, 1800, 2000, 2100, 2500-3500, 3900, 6500-6800, or 7000.

	CODE	%
46.		
47.		
48.		
49.		
50.		
51.		
52.		
53.		
54.		
55.		

The sum of the percentages for related sub-commodities (Fields 46-55) must equal the sum of the percentages associated with the related primary commodity in Fields 36-45.

SPECIAL CLASSIFICATION

Fields 56-75 are used to identify special mutually exclusive areas of research. Refer to your agency manual or the "Manual of Classification of Agricultural and Forestry Research" for specific codes and instructions.

• SPECIAL CATEGORIES

Pollution	Nuclear Radiation
Health and Medical	Poverty Area
Tobacco-Health	Natural Beauty
Weather	Animal Health

• SPECIAL AREAS

Pesticide Targets	Integrated Pest Management	ARS ONLY
Water Resources	Range and Pasture	Sub-activities
Energy	Agricultural Economics*	Other Special Codes

*** AGRICULTURAL ECONOMICS RESEARCH**

If science code 2630 (Agricultural Economics) is used in column 4, Fields 36-45, one or more Agricultural Economics Research Special Codes must be entered in Fields 56-75. The sum of their percentages must equal the sum of the percentages associated with science code 2630 in Fields 36-45

CODE	%	CODE	%	CODE	%	CODE	%	CODE	%
56.		60.		64.		68.		72.	
57.		61.		65.		69.		73.	
58.		62.		66.		70.		74.	
59.		63.		67.		71.		75.	

**** INDIVIDUAL PERCENTAGE ENTRIES IN FIELDS 36-75 MUST NOT BE LESS THAN 10% ****

U.S. DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION—RESEARCH FUNDS AND MANPOWER

U.S. DEPARTMENT OF AGRICULTURE USE ONLY

DATE *(Day, mo., yr.)*

1 ACCESSION NO.	AGENCY IDENTIFICATION NO. 2	3	4	5 WORK UNIT/PROJECT NO.	22-23 REGIONAL PROJECT NO.

7 TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION	FIELD NUMBER	FY ACTUAL $
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS		
Regular, In House	(101)	
Regular, Contracts, Grants, Agreements with AES	(102)	
Regular, Contracts, Grants, Agreements with Others	(103)	
Forest Service Research Contracts	(106)	
Other USDA *(Identify)*: _____	(107)	
TOTAL	**(131)**	
OTHER FEDERAL RESEARCH FUNDS		
Department of Energy	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health and Human Services	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Foreign Agricultural Research (PL 480)	(117)	
Other Federal Funds *(Identify)*: _____	(318)	
TOTAL	**(332)**	
NON-FEDERAL RESEARCH FUNDS		
Trust Funds, In House	(120)	
Trust Funds, Contracts, Grants, Agreements with AES	(121)	
Trust Funds, Contracts, Grants, Agreements with Others	(122)	
Other Non-Federal Funds *(Identify)*: _____	(123)	
TOTAL	**(133)**	
TOTAL ALL RESEARCH FUNDS AT LOCATION	**(134)**	
STAFF SUPPORT		STAFF EFFORT—ACTUAL *(years)*
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)		
Scientists (GS-11 and above)	(141)	
Professional Support	(142)	
Technical Support	(143)	
Clerical, Labor and Other	(144)	
TOTAL STAFF YEARS	**(350)**	

SUBMITTED BY

TITLE

Form AD-418 (4 85)

UNITED STATES DEPARTMENT OF AGRICULTURE

RESEARCH WORK UNIT/PROJECT DESCRIPTION – RESEARCH FUNDS AND STAFF SUPPORT

FOR STATE AND OTHER NON-FEDERAL INSTITUTION USE

DATE *(Day, mo., year)*

1. ACCESSION NO.	AGENCY IDENTIFICATION NO. 2.	3.	4.	5. WORK UNIT/PROJECT NO.	REGIONAL PROJECT NO.	TYPE OR CONTRACT/GRANT/AGMT NO.

7. TITLE

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION *(Round to nearest whole dollar)*	FIELD NUMBER	FY ACTUAL $
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED		
Hatch Funds	(201)	
Regional Research Funds	(202)	
McIntire Stennis Funds	(203)	
Contracts, Grants, Cooperative Agreements for Research		
• Special Grants • Competitive Grants • Cooperative Agreements	(204)	
Other Funds		
• Animal Health Sec. 1433 • Evans-Allen • Other CSRS Administered	(205)	
TOTAL →	(231)	
OTHER FEDERAL RESEARCH FUNDS		
USDA Contracts Grants Co-op Agreements	(219)	
National Science Foundation	(209)	
Department of Energy	(310)	
Agency for International Development	(308)	
Department of Defense	(311)	
National Institutes of Health	(316)	
Public Health Service	(312)	
Health and Human Services	(313)	
National Aeronautics and Space Administration	(314)	
Tennessee Valley Authority	(315)	
Other Federal Funds *(including CSRS Administered "Pass Through" Funds)*	(318)	
TOTAL →	(332)	
NON-FEDERAL RESEARCH FUNDS		
State Appropriations	(220)	
Self-Generated Funds	(221)	
Industry Grants and Agreements	(222)	
Other Non-Federal Funds	(223)	
TOTAL →	(233)	
TOTAL ALL RESEARCH FUNDS AT LOCATION →	(234)	

STAFF SUPPORT		STAFF EFFORT - ACTUAL *(years)*
NON-FEDERALLY EMPLOYED STAFF SUPPORT *(Report nearest 0.1 Year)*		
Scientists (Assistant Professor and above)	(241)	
Professional Support	(242)	
Technical Support	(243)	
Clerical, Labor, and Other	(244)	
TOTAL STAFF YEARS →	(350)	

SUBMITTED BY *(Signature)* | TITLE

FORM AD-419 (10-89)

CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURAL RESEARCH

Commodity, Resource or Technology not Associated with Specific Commodities

Commodities or Resources

0100 Soil and land
0200 Water
0300 Watersheds and river basins
0400 Air and climate
0500 Recreation resources
0600 Trees, forests, and forest products
0700 Range
0800 Fish, shellfish, game and fur-bearing animals and other wildlife and their habitats
0900 Citrus and tropical/subtropical fruit
1000 Deciduous and small fruits and edible tree nuts
1100 Potatoes
1200 Vegetables
1300 Ornamentals and turf
1400 Corn - (for sweetcorn use 1280)
1500 Grain sorghum
1600 Rice
1700 Wheat
1800 Other small grains
1900 Pasture
2000 Forage crops
2100 Cotton (including cottonseed for planting purposes)
2200 Cottonseed (for meal, oil, etc.)
2300 Soybeans
2400 Peanuts
2500 Other oilseed and oil crops
2600 Tobacco
2700 Sugar crops
2800 Miscellaneous and new crops
2900 Poultry
3000 Beef cattle
3100 Dairy cattle
3200 Swine
3300 Sheep and wool
3400 Other animals (see 0800 for fish, shellfish, game and fur-bearing animals)
3500 Bees and honey and other pollinating insects
3600 General purpose supplies - includes: machinery, equipment, fertilizers, feedstuffs, and pesticides
3700 Clothing and textiles

3800 Food (not readily associated with specific plants and animal products)
3900 Structures and facilities
4000 People as individual workers, consumers and members of society
4100 The family and its members
4200 The farm as a business enterprise
4300 Communities, areas and regions, including counties and States and their institutions and organizations
4400 Agricultural economy of United States and sectors thereof, including interrelationships with the total economy
4500 Agricultural economy of foreign countries and sectors thereof, including interrelationships with the total economy
4600 Farmer cooperatives
4700 Marketing, processing and supply firms other than cooperatives
4800 Marketing systems and sectors thereof
6100 Weeds
6200 Seed research
6300 Biological cell systems
6400 Experimental design and statistical methods
6500 Invertebrates (including insects, mites, ticks, snails, slugs, and leeches)
6600 Microorganisms, viruses, etc.
6700 Plants
6800 Animals (vertebrates)
6900 Research on research management (not research management per se)
7000 Research equipment and technology (such as remote sensing)

RESEARCH PROBLEM AREAS (RPA's)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

101 Appraisal of Soil Resources
102 Soil, Plant, Water, Nutrient Relationships
103 Management of Saline and Sodic Soils and Salinity
104 Alternative Uses of Land
105 Conservation and Efficient Use of Water
106 Efficient Drainage and Irrigation Systems and Facilities
107 Watershed Protection and Management
108 Economic and Legal Problems in Management of Water and Watersheds
109 Adaptation to Weather and Weather Modification
110 Appraisal of Forest and Range Resources

111 Biology, Culture and Management of Forests and Timber-Related Crops
112 Improvement of Range Resources
113 Remote Sensing
114 Research on Management of Research

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

201 Control of Insects Affecting Forests
202 Control of Diseases, Parasites and Nematodes Affecting Forests
203 Prevention and Control of Forest and Range Fires
204 Control of Insects, Mites, Slugs and Snails on Fruit and Vegetable Crops
205 Control of Diseases and Nematodes of Fruit and Vegetable Crops
206 Control of Weeds and Other Hazards of Fruit and Vegetable Crops
207 Control of Insects, Mites, Snails and Slugs Affecting Field Crops and Range
208 Control of Diseases and Nematodes of Field Crops and Range
209 Control of Weeds and Other Hazards of Field Crops and Range
210 Control of Insects and External Parasites Affecting Livestock, Poultry, Fish and Other Animals

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS (Continued)

211 Control of Diseases of Livestock, Poultry, Fish and other Animals
212 Control of Internal Parasites of Livestock, Poultry, Fish and Other Animals
213 Protect Livestock, Poultry, Fish and Other Animals from Toxic Chemicals, Poisonous Plants, and Other Hazards
214 Protection of Plants, Animals and Man from Harmful Effects of Pollution

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST PRODUCTS AT DECREASING REAL PRODUCTION COSTS

301 Genetics and Breeding of Forest Trees
302 New and Improved Forest Engineering Systems
303 Economics of Timber Production
304 Improvement of Biological Efficiency of Fruit and Vegetable Crops
305 Mechanization of Fruit and Vegetable Crop Production
306 Production Management Systems for Fruits and Vegetables
307 Improvement of Biological Efficiency of Field Crops
308 Mechanization of Production of Field Crops
309 Production Management Systems for Field Crops
310 Reproductive Performance of Livestock, Poultry, Fish and Other Animals
311 Improvement of Biological Efficiency in Production of Livestock, Poultry, Fish and Other Animals
312 Environmental Stress in Production of Livestock, Poultry, Fish and Other Animals
313 Production Management Systems for Livestock, Poultry, Fish and Other Animals
314 Bees and Other Pollinating Insects
315 Improvement of Structures, Facilities and General Purpose Farm Supplies and Equipment
316 Farm Business Management
317 Mechanization and Structures Used in Production of Livestock, Poultry, Fish and Other Animals
318 Non-Commodity-Oriented Biological Technology and Biometry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS BY DEVELOPING NEW AND IMPROVED PRODUCTS AND PROCESSES AND ENHANCING PRODUCT QUALITY

401 New and Improved Forest Products
402 Production of Fruit and Vegetable Crops with Improved Acceptability
403 New and Improved Fruit and Vegetable Products and Byproducts
404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
405 Production of Field Crops with Improved Acceptability
406 New and Improved Food Products from Field Crops
407 New and Improved Feed, Textile and Industrial Products from Field Crops
408 Quality Maintenance in Storing and Marketing Field Crops
409 Production of Animal Products with Improved Acceptability
410 New and Improved Meat, Milk, Eggs and Other Animal Food Products
411 New and Improved Non-Food Animal Products
412 Quality Maintenance in Marketing Animal Products

GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

501 Improvement of Grades and Standards--Crop and Animal Products
502 Development of Markets and Efficient Marketing of Timber and Related Products
503 Efficiency in Marketing Agricultural Products and Production Inputs
506 Supply, Demand and Price Analysis--Crop and Animal Products
507 Competitive Interrelationships in Agriculture
508 Development of Domestic Markets for Farm Products
509 Performance of Marketing Systems
510 Group Action and Market Power
511 Improvement in Agricultural Statistics
512 Improvement of Grades and Standards - Forest Products
513 Supply, Demand and Price Analysis - Forest Products

GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

601 Foreign Market Development
602 Evaluation of Foreign Food Aid Programs
603 Technical Assistance to Developing Countries
604 Product Development and Marketing for Foreign Markets

GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

701 Insure Food Products Free of Toxic Contaminants Including Residues from Agricultural and Other Sources
702 Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins
703 Food Choices, Habits and Consumption
704 Home and Commercial Food Service
705 Selection and Care of Clothing and Household Textiles
706 Control of Insect Pests of Man and His Belongings
707 Prevent Transmission of Animal Diseases and Parasites to Man
708 Human Nutrition
709 Reduction of Hazards to Health and Safety

GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

801 Housing
802 Individual and Family Decision Making and Resource Use and Family Functioning
803 Causes of Poverty Among Rural People
804 Improvement of Economic Potential of Rural People
805 Communication and Education Processes
806 Individual and Family Adjustment to Change
807 Structural Changes in Agriculture
808 Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT OF BEAUTY, RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND PUBLIC SERVICES

901 Alleviation of Soil, Water and Air Pollution and Disposal of Wastes
902 Outdoor Recreation
903 Multiple Use Potential of Forest Land and Evaluation of Forestry Programs
904 Fish and Other Aquatic Life, Fur-Bearing Animals and Other Wildlife
905 Trees to Enhance Rural and Urban Environment
906 Culture and Protection of Ornamentals and Turf
907 Improved Income Opportunities in Rural Communities
908 Improvement of Rural Community Institutions and Services

RESEARCH PROGRAM GROUP (RPG)/RESEARCH PROGRAM (RP)

RPG 1.00 NATURAL RESOURCES

RP 1.01 Soil and Land Use
RP 1.02 Water and Watersheds
RP 1.03 Recreation
RP 1.04 Environmental Quality
RP 1.05 Weather Modification for Agriculture and Forestry
RP 1.06 Fish and Wildlife
RP 1.07 Remote Sensing
RP 1.08 Aquatic Weeds
RP 1.09 Natural Resources - General

RPG 2.00 FOREST RESOURCES

RP 2.01 Inventory and Appraisal of Forest Resources
RP 2.02 Timber Management
RP 2.03 Forest Protection
RP 2.04 Harvesting, Processing and Marketing Forest Products
RP 2.05 Forest Watersheds, Soils, Pollution
RP 2.06 Forest Range, Wildlife, and Fisheries Habitat Development
RP 2.07 Forest Recreation and Aesthetics and other Landscape Values
RP 2.08 Alternative Uses of Land
RP 2.09 Technical Assistance
RP 2.10 Trees, Forests and Forest Products - General
RP 2.11 Forest and Range Resources

RPG 3.00 CROPS (Field and Horticultural)

RP 3.01 Corn
RP 3.02 Grain Sorghum
RP 3.03 Wheat
RP 3.04 Small Grains other than Wheat
RP 3.05 Rice
RP 3.06 Soybeans
RP 3.07 Peanuts
RP 3.08 Sugar
RP 3.09 Forage, Range, and Pasture
RP 3.10 Cotton
RP 3.11 Tobacco
RP 3.12 New Crops and Minor Oilseeds
RP 3.13 Fruit
RP 3.14 Vegetable Crops
RP 3.15 Plants to Enhance the Environment
RP 3.16 Bees and other Pollinating Insects

RESEARCH PROGRAM GROUP (RPG)/RESEARCH PROGRAM (RP)

RPG 3.00 CROPS (Field and Horticultural) (Continued)

RP 3.17 Weeds in Crops
RP 3.18 Seeds
RP 3.19 Nonspecific - Plants

RPG 4.00 ANIMALS

RP 4.01 Beef
RP 4.02 Dairy
RP 4.03 Poultry
RP 4.04 Sheep
RP 4.05 Swine
RP 4.06 Other Animals (Horses, Goats, Pets, Laboratory, etc.)
RP 4.07 Aquatic Food and Feedstuffs
RP 4.08 Nonspecific - Animals
RP 4.09 Invertebrates

RPG 5.00 PEOPLE, COMMUNITIES, AND INSTITUTIONS INCLUDING RURAL DEVELOPMENT

RP 5.01 Individuals and Families
RP 5.02 Living Environment
RP 5.03 Communities, Institutions and Services
RP 5.04 Insects Affecting Man and his Belongings
RP 5.05 Research on Administration of Research

RPG 6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE AND INCOME POLICY

RP 6.01 Farm Adjustment, Prices and Income
RP 6.02 Foreign Agricultural Trade and Economic Development
RP 6.03 Marketing and Competition

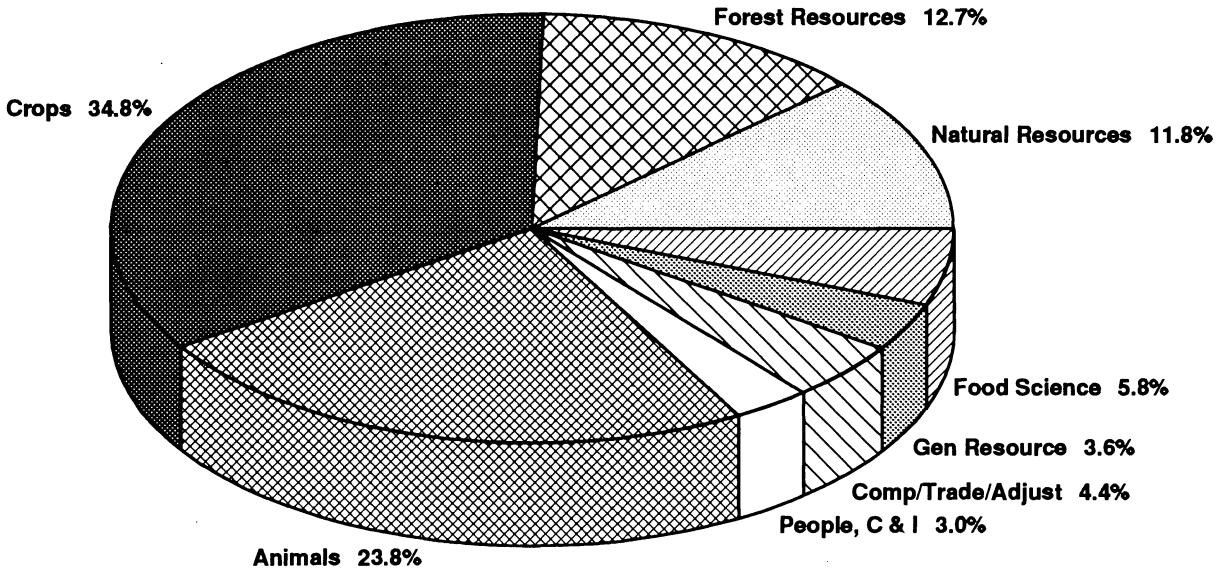
RPG 7.00 GENERAL RESOURCE OR TECHNOLOGY

RP 7.01 Man-made Resources
RP 7.02 Technology not Associated with Specific Commodities, Resources

RPG 8.00 FOOD SCIENCE AND HUMAN NUTRITION

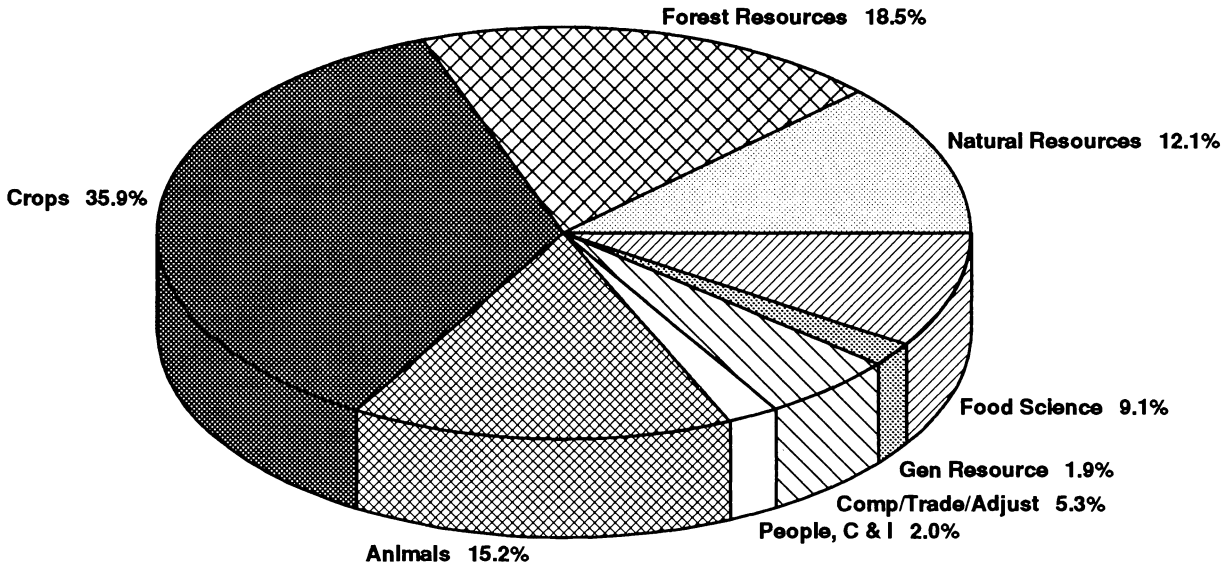
RP 8.01 Human Nutrition
RP 8.02 Food Processing
RP 8.03 Food Safety
RP 8.04 Food Storage, Distribution and Marketing
RP 8.05 Food Service

FUNDS/PERCENT -- BY RESEARCH PROGRAM GROUP
FISCAL YEAR 1993
NATIONAL TOTAL -- USDA, SAES, OTHER INSTITUTIONS



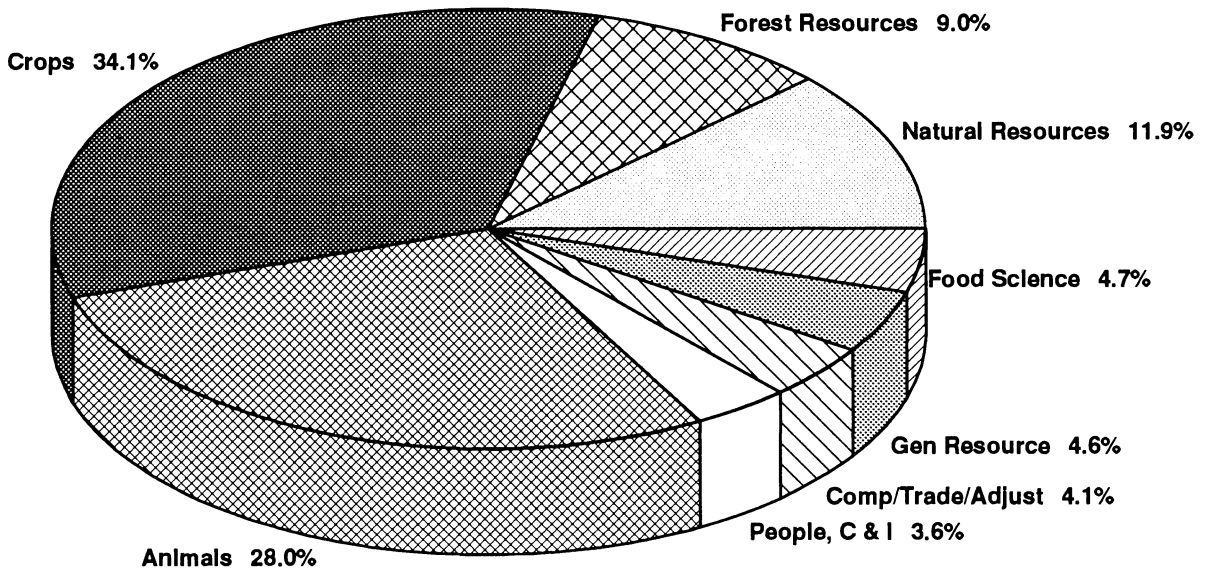
RESEARCH PROGRAM GROUP		$(000)
1.00	Natural Resources	350,662
2.00	Forest Resources	378,120
3.00	Crops	1,031,950
4.00	Animals	707,557
5.00	People, Communities, Instititions...	88,062
6.00	Competition, Trade, Adjustment...	132,043
7.00	General Resource/Technology	107,665
8.00	Food Science/Human Nutrition	172,778
	Unclassified	2,074
	TOTAL	2,970,911

FUNDS/PERCENT -- BY RESEARCH PROGRAM GROUP
FISCAL YEAR 1993
NATIONAL TOTAL -- USDA RESEARCH AGENCIES



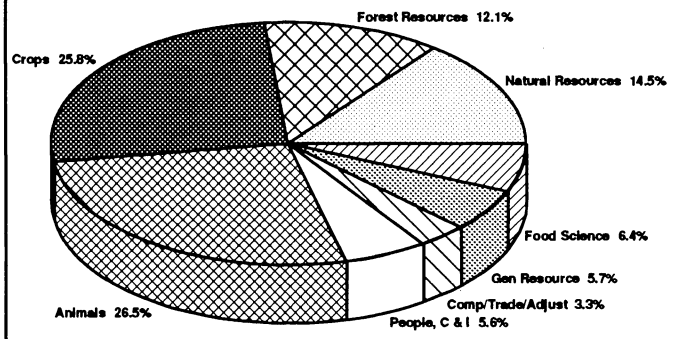
RESEARCH PROGRAM GROUP		$(000)
1.00	Natural Resources	133,403
2.00	Forest Resources	204,581
3.00	Crops	396,425
4.00	Animals	167,856
5.00	People, Communities, Instititions...	22,494
6.00	Competition, Trade, Adjustment...	58,682
7.00	General Resource/Technology	20,719
8.00	Food Science/Human Nutrition	100,343
	Unclassified	2,049
	TOTAL	1,106,552

FUNDS/PERCENT -- BY RESEARCH PROGRAM GROUP
FISCAL YEAR 1993
NATIONAL TOTAL -- SAES, OTHER INSTITUTIONS



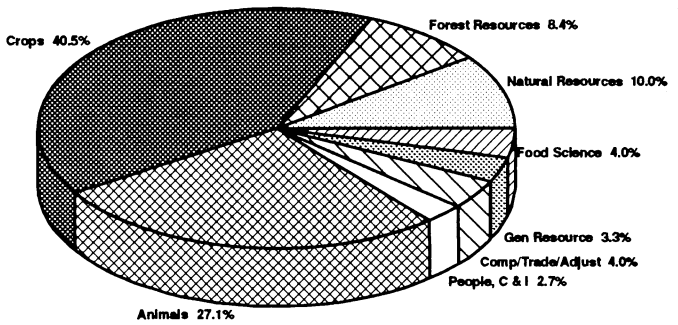
RESEARCH PROGRAM GROUP		$(000)
1.00	Natural Resources	240,717
2.00	Forest Resources	182,554
3.00	Crops	690,549
4.00	Animals	567,332
5.00	People, Communities, Instititions...	72,781
6.00	Competition, Trade, Adjustment...	82,070
7.00	General Resource/Technology	93,771
8.00	Food Science/Human Nutrition	95,023
	Unclassified	25
	TOTAL	2,024,822

FUNDS/PERCENT -- BY RESEARCH PROGRAM GROUP
FISCAL YEAR 1993
REGIONAL TOTALS -- SAES AND OTHER INSTITUTIONS



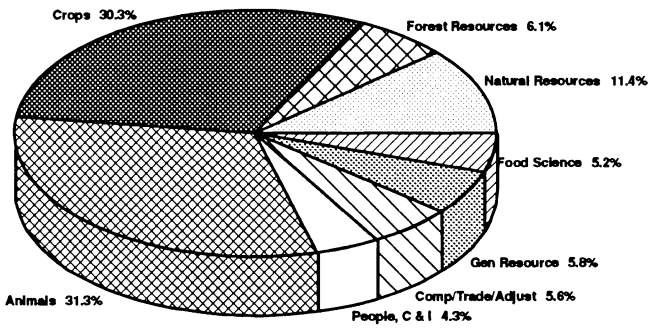
NORTHEAST REGION

RESEARCH PROGRAM GROUP		$(000)
1.00	Natural Resources	38,462
2.00	Forest Resources	32,152
3.00	Crops	68,666
4.00	Animals	70,522
5.00	People, Communities, instititions...	14,965
6.00	Competition, Trade, Adjustment...	8,898
7.00	General Resource/Technology	15,085
8.00	Food Science/Human Nutrition	17,040
9.00	Unclassified	25
	TOTAL	265,815



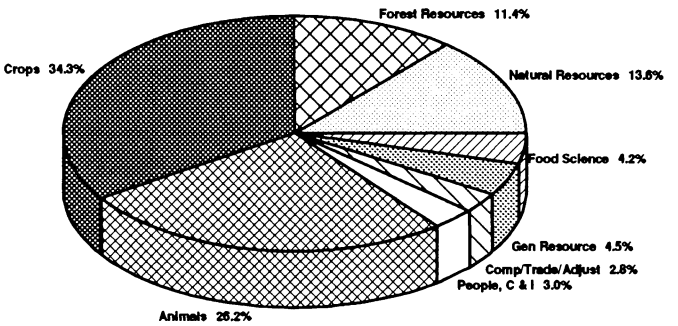
SOUTHERN REGION

RESEARCH PROGRAM GROUP		$(000)
1.00	Natural Resources	67,590
2.00	Forest Resources	56,975
3.00	Crops	273,247
4.00	Animals	183,040
5.00	People, Communities, instititions...	17,880
6.00	Competition, Trade, Adjustment...	26,853
7.00	General Resource/Technology	22,356
8.00	Food Science/Human Nutrition	26,744
	TOTAL	674,685



NORTH CENTRAL REGION

RESEARCH PROGRAM GROUP		$(000)
1.00	Natural Resources	65,772
2.00	Forest Resources	35,445
3.00	Crops	175,004
4.00	Animals	180,765
5.00	People, Communities, instititions...	24,695
6.00	Competition, Trade, Adjustment...	32,363
7.00	General Resource/Technology	33,496
8.00	Food Science/Human Nutrition	29,851
	TOTAL	577,391



WESTERN REGION

RESEARCH PROGRAM GROUP		$(000)
1.00	Natural Resources	68,893
2.00	Forest Resources	57,981
3.00	Crops	173,633
4.00	Animals	133,005
5.00	People, Communities, instititions...	15,242
6.00	Competition, Trade, Adjustment...	13,956
7.00	General Resource/Technology	22,835
8.00	Food Science/Human Nutrition	21,388
	TOTAL	506,933

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NATIONAL TOTAL USDA - SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GRDSS) 1993	TOTAL FUNDS (GRDSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1610	499.1	64,536,519	136,519,336	*	*
0200 WATER	1286	352.4	51,190,047	99,587,789	*	*
0300 WATERSHEDS RIVER BAS	371	123.3	24,965,115	36,466,244	*	*
0400 AIR AND CLIMATE	148	55.8	5,114,102	15,776,887	*	*
0500 RECREATION RESOURCES	155	72.5	9,422,341	15,322,348	*	*
0800 TIMBER FORST PRODUCT	1977	1118.2	180,247,500	288,800,335	*	*
0700 RANGE	404	170.3	21,437,288	43,871,480	*	*
0800 WILDLIFE AND FISH	1001	384.7	44,382,527	119,181,848	*	*
0900 CITRUS SUB TROP FRUT	388	174.9	24,811,124	47,084,284	*	*
1000 FRUIT NUTS DECIDUOUS	1048	381.9	41,238,440	103,516,281	*	*
1100 POTATOES	445	132.7	16,188,288	37,039,878	*	*
1200 VEGETABLES	1631	544.0	55,878,017	136,383,850	*	*
1300 ORNAMENTALS TURF	607	230.9	13,177,949	52,422,822	*	*
1400 CORN	1182	338.8	48,787,402	84,280,874	*	*
1500 GRAIN SORGHUM	286	81.4	5,237,888	17,488,807	*	*
1600 RICE	213	75.9	7,187,537	20,415,858	*	*
1700 WHEAT	942	288.9	35,187,748	71,848,088	*	*
1800 OTHER SMALL GRAINS	473	110.2	12,241,447	26,473,578	*	*
1900 PASTURE	173	35.5	5,488,130	8,488,829	*	*
2000 FORAGE CROPS	848	242.4	27,818,788	84,017,258	*	*
2100 COTTON	504	248.2	41,733,803	83,240,731	*	*
2200 COTTONSEED	34	12.4	2,871,511	3,334,883	*	*
2300 SOYBEANS	1058	308.3	38,813,280	78,074,858	*	*
2400 PEANUTS	214	74.9	8,790,158	18,878,281	*	*
2500 OTHER OILSEED CROPS	259	89.5	11,111,472	18,741,811	*	*
2600 TOBACCO	210	79.2	8,887,857	20,348,927	*	*
2700 SUGAR CROPS	173	78.2	12,838,353	21,188,320	*	*
2800 MISC NEW CROPS	263	74.5	13,805,504	25,128,314	*	*
2900 POULTRY	807	324.9	38,848,403	88,353,338	*	*
3000 BEEF CATTLE	1503	523.9	58,808,801	183,058,529	*	*
3100 DAIRY CATTLE	1288	395.4	48,081,390	138,824,114	*	*
3200 SWINE	909	278.4	41,018,188	83,450,028	*	*
3300 SHEEP AND WOOL	480	134.0	18,892,511	43,973,405	*	*
3400 OTHER ANIMALS	577	261.0	13,188,401	73,758,878	*	*
3500 BEES AND HONEY	82	37.5	7,134,883	8,994,822	*	*
3900 FARM SUPP & FACILITS	71	18.3	882,838	4,737,760	*	*
3700 CLOTHING & TEXTILES	83	18.2	588,884	3,072,888	*	*
3800 FOOD	530	207.5	20,828,002	53,778,481	*	*
3900 HOUSING & EQUIP	145	41.7	2,250,580	8,881,928	*	*
4000 PEOPLE AS INDIVIDUALS	781	283.5	58,804,508	82,138,757	*	*
4100 FAMILY MEMBERS	254	78.1	3,781,843	18,831,088	*	*
4200 FARM AS BUSINESS	190	57.7	3,877,877	8,888,422	*	*
4300 SOC POLIT ORGANIZ	403	132.9	11,278,808	28,318,803	*	*
4400 AGRIC ECONOMY U S	178	113.3	12,848,048	20,701,407	*	*
4500 AGRIC ECONOMY FORGN	87	85.8	14,828,388	20,448,885	*	*
4900 FARM COOPERATIVES	28	21.8	3,518,178	4,107,135	*	*
4700 OTH MARKET PROCESS	29	4.8	208,381	1,114,887	*	*
4800 MARKETING SYSTEMS	82	37.8	4,981,348	7,880,888	*	*
5100 WEEDS	223	88.0	8,938,123	18,828,518	*	*
5200 SEED RESEARCH	84	18.8	1,078,371	4,801,298	*	*
5300 BIO CELL SYSTEMS	298	107.7	3,887,131	38,528,218	*	*
5400 EXP DESIGN/STAT METHOD	108	48.7	1,788,841	7,318,734	*	*
5500 INVERTEBRATES	848	212.9	21,183,382	54,507,927	*	*
5800 MICROORGANISMS VIRUSES	757	185.1	22,743,978	55,584,148	*	*
5700 PLANTS	1259	398.8	53,285,811	112,985,578	*	*
5800 ANIMALS(VERTEBRATES)	809	287.2	8,720,802	73,101,278	*	*
5900 RESEARCH ON RSCH MGMT	81	21.5	8,003,534	8,823,880	*	*
7000 RSCH EQUIP & TECHNOLOGY	188	58.0	7,538,888	22,530,988	*	*
9900 UNCLASSIFIED	8	0.0	2,048,297	2,073,838	*	*
TOTAL		10770.8	1,314,208,808	2,870,910,174	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL USDA - SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	223	61.8	4,086,623	17,665,031	*	*
102 SOIL PLNT WTR NUTRI	1210	414.6	60,137,851	114,648,983	*	*
103 MGMT OF SALINE SOILS	80	22.9	2,936,570	6,067,428	*	*
104 ALTERN USE OF LAND	169	56.1	7,958,780	13,817,536	*	*
105 CONSERV USE OF WATER	447	133.7	16,427,137	36,361,407	*	*
106 DRAIN AND IRRIGATION	162	52.9	8,336,443	13,614,283	*	*
107 WATERSHED PROT & MGMT	408	181.8	37,217,136	52,384,288	*	*
108 ECON LEG PROB OF WAT	67	23.2	984,847	4,388,706	*	*
109 WEATHER ADAPT & MOD	238	85.6	12,502,858	24,857,142	*	*
110 APPRAIS FORST & RANGS	217	113.1	22,178,100	38,862,350	*	*
111 BIOL CULT MGMT FORSTS	575	325.7	36,264,983	74,933,980	*	*
112 IMPROV RANGE RESOR	230	88.8	10,389,468	23,036,233	*	*
113 REMOTE SENSING	130	50.4	8,133,574	15,461,718	*	*
114 RSCH ON MGMT OF RSCH	60	21.5	7,999,595	8,818,509	*	*
SUBTOTAL		1835.8	233,567,299	443,075,612	*	*
SERIES 200						
201 CNTRL FORST INSECTS	249	122.5	20,000,448	28,334,800	*	*
202 CONTROL FOREST DIS	168	72.2	10,055,880	15,827,708	*	*
203 FOREST FIRE PROTECT	39	33.3	5,881,871	7,068,182	*	*
204 CNTR PESTS FRT & VEGS	758	231.8	33,276,080	84,347,813	*	*
205 CNTR DISE FRT & VEG	941	288.9	28,240,209	75,880,958	*	*
206 CNTR WEEDS FRT & VEG	212	43.2	4,476,951	11,574,815	*	*
207 CNTR PESTS FLD CROPS	814	307.7	38,855,901	78,030,844	*	*
208 CNTR DIS FIELD CROPS	899	317.7	32,387,888	78,747,785	*	*
209 CNTR WEEDS FLD CROPS	474	184.2	22,858,024	48,311,405	*	*
210 CONTR PESTS ANIMALS	180	71.8	9,912,817	17,144,858	*	*
211 CONTR DIS ANIMALS	1419	679.0	82,127,157	212,287,715	*	*
212 CNTR INTER PARASITES	139	57.4	8,485,535	16,132,404	*	*
213 PROT ANMLS FROM TOXINS	157	92.3	5,468,227	28,760,048	*	*
214 PROTECT FROM POLLUTION	289	105.9	18,451,814	38,420,340	*	*
SUBTOTAL		2805.8	301,186,984	712,826,555	*	*
SERIES 300						
301 GENET BREED FORST TRE	142	79.1	8,958,048	18,787,750	*	*
302 IMP FOREST ENG SYS	49	23.4	3,443,882	8,771,271	*	*
303 ECON TIMBER PRODUCTN	72	29.8	3,842,408	7,283,475	*	*
304 IMP BIO EFF FRT & VEGS	1087	372.1	38,807,218	104,731,227	*	*
305 MECH PROD FRT & VEGS	71	17.1	1,871,918	4,184,538	*	*
306 PROD MGMT SYS F & V	157	38.5	2,753,068	8,103,803	*	*
307 IMP BIO EFF FLD CRP	1750	853.4	81,285,887	186,527,251	*	*
308 MECH PROD FIELD CROPS	104	33.5	3,148,055	8,492,006	*	*
309 PROD MGMT SYS FLD CRP	449	116.9	8,867,520	28,304,348	*	*
310 ANIMAL REPRODUCTION	858	233.8	27,248,883	82,181,569	*	*
311 IMP BIO EFF ANML PR	1310	482.1	53,723,040	178,567,103	*	*
312 ENV STRESS IN ANML PR	207	59.9	8,068,884	17,858,208	*	*
313 PROD MGMT SYS ANML PR	305	73.9	5,884,738	23,274,227	*	*
314 BEES OTH POLLNTNG INS	82	37.5	7,134,983	9,884,822	*	*
315 IMP STRUC FARM SUPP	88	28.1	1,081,574	8,288,104	*	*
316 FARM BUSINESS MGMT	137	43.0	2,213,571	7,553,487	*	*
317 MECH/STRUCTS ANML PRO	28	7.0	170,525	1,385,822	*	*
318 NON COM BIO TECH/BIMET	1701	575.9	48,857,084	178,255,138	*	*
SUBTOTAL		2808.8	303,074,083	878,241,880	*	*
SERIES 400						
401 NEW IMP FOREST PROD	355	176.6	27,870,188	50,337,408	*	*
402 PROD F & V IMP ACCEPT	317	82.8	8,882,121	20,818,840	*	*
403 NEW & IMP F & V PROD	161	67.7	8,202,818	15,777,801	*	*
404 MKT QUAL FRTS & VEGS	251	117.3	15,437,884	27,042,182	*	*
405 PROD FLD CROP IMP ACPT	431	182.7	21,847,115	42,834,370	*	*
406 NEW IMP FOOD FLD CROP	217	84.3	11,281,728	22,010,881	*	*
407 NEW IMP NON FOOD FC	274	129.7	32,480,323	38,258,848	*	*
408 MKT QUAL FIELD CROPS	131	58.3	9,804,704	15,148,205	*	*
409 PROD ANML PR IMP ACCP	211	88.5	7,884,730	22,880,083	*	*
410 IMP MEAT MILK EGG PR	277	94.7	8,244,738	24,182,852	*	*
411 IMP NON FOOD ANML PR	38	17.7	4,873,782	5,404,229	*	*
412 MKT QUAL ANIMAL PROD	84	24.8	3,210,227	7,838,115	*	*
SUBTOTAL		1084.1	157,820,171	282,114,944	*	*
SERIES 500						
501 IMP GRADES & STANDS	68	26.7	4,422,558	8,414,088	*	*
502 MKTG TIMBER PRODUCTS	38	18.4	2,551,184	3,771,080	*	*
503 MKTG EFF AGRI PRODS	142	48.2	4,095,127	8,427,453	*	*
504 SPLY DEMAND AND PRIC	192	108.8	11,884,753	17,548,214	*	*
507 COMP REL IN AGRIC	78	24.4	1,587,340	3,758,802	*	*
508 DOMESTIC MKT DEVELP	85	10.8	1,851,868	4,748,811	*	*
509 PERFORMANCE MKTG SYS	155	78.8	8,401,231	13,345,583	*	*
510 GROUP ACT MKT POWER	23	8.0	1,287,787	1,782,811	*	*
511 IMP AGRIC STATISTICS	48	15.4	1,585,903	2,753,338	*	*
512 IMP GRADES FRST PROD	11	5.5	1,004,817	1,318,082	*	*
513 PRICE ANAL FRST PROD	38	13.2	1,471,740	2,279,773	*	*
SUBTOTAL		352.0	40,114,418	87,148,058	*	*
SERIES 600						
601 FGN MKT DEVELP	218	148.9	18,807,351	29,800,115	*	*
602 EVAL FGN FOOD AID PGM	5	3.5	509,558	585,484	*	*
603 TECH AID DEV CRTY	51	15.7	1,785,118	12,524,377	*	*
604 PRO OVLPMT/MKTG FRGN	50	13.6	2,698,055	4,548,447	*	*
SUBTOTAL		179.7	24,800,077	47,458,433	*	*
SERIES 700						
701 TOX RES IN FOOD	178	88.3	15,192,950	18,158,148	*	*
702 FOOD PROT FROM TOX	308	150.0	28,348,035	43,134,110	*	*
703 FOOD CONSUMP HABITS	188	84.5	8,100,878	10,228,438	*	*
704 HOME COMM FOOD SERV	24	4.8	153,271	883,885	*	*
705 SEL CARE CLOTH & TEXTL	82	15.3	391,533	2,331,888	*	*
708 CONTR INSECTS AFF MAN	113	57.7	8,508,331	13,244,518	*	*
707 TRANS ANIML MAN DIS	42	15.2	585,204	3,598,783	*	*
708 HUMAN NUTRITION	553	212.8	58,013,838	82,848,212	*	*
709 REDUCE HAZ HLTH & SFTY	94	27.8	2,706,855	8,372,484	*	*
SUBTOTAL		804.5	118,003,893	181,582,838	*	*

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL USDA - SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 800						
801 RURAL HOUSING	58	13.5	1,235,478	2,884,925	*	*
802 INDIV & FAM DEC MAKING	214	52.9	2,251,883	8,215,318	*	*
803 RURAL POVERTY	25	6.1	495,124	1,107,263	*	*
804 ECON POTENT RURL PEO	125	39.6	4,083,954	7,887,523	*	*
805 COMMUNICAT EDUC PROC	148	43.8	1,286,390	9,090,709	*	*
806 ADJUSTMENT TO CHANGE	194	59.8	1,797,053	12,853,417	*	*
807 AGRIC ECONOMIC CHANGE	154	70.4	8,992,713	13,091,120	*	*
808 GOVT PROGRAMS	74	36.3	4,187,185	7,083,750	*	*
SUBTOTAL		322.4	24,008,712	82,184,038	*	*
SERIES 900						
901 ALLEV POLLUTION	868	310.4	43,674,928	91,743,013	*	*
902 OUTDOOR RECREATION	140	63.3	5,210,522	13,832,144	*	*
903 MULTI USE FOREST POTEN	144	59.4	5,847,188	14,488,215	*	*
904 WLDLFE AND FISH ECOL	788	327.0	31,898,948	94,788,223	*	*
905 TREES BEAUTIFICATION	110	53.2	5,429,338	9,544,589	*	*
908 ORNAMENT & TURF DEV	543	189.5	10,106,740	44,418,174	*	*
907 RURAL INCOME IMP	143	32.2	3,250,483	8,480,788	*	*
908 RURAL INSTITUT IMP	183	44.8	4,585,110	9,078,784	*	*
990 UNCLASSIFIED	8	0.0	2,049,267	2,073,838	*	*
SUBTOTAL		1079.9	111,630,204	289,298,738	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		10770.8	1,314,206,808	2,870,810,174	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA SYS 1993	CON/GT/CA	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1525	478.7	83,019,834	130,569,776	*		*
0200 WATER	1227	334.3	49,970,184	95,354,604	*		*
0300 WATERSHEDS RIVER BAS	309	107.4	24,261,867	33,095,561	*		*
0400 AIR AND CLIMATE	126	48.7	3,802,782	12,835,738	*		*
0500 RECREATION RESOURCES	118	61.4	8,249,355	12,423,887	*		*
0600 TIMBER FORST PRODUCT	1493	921.7	155,266,010	232,552,942	*		*
0700 RANGE	378	163.6	21,079,308	42,470,081	*		*
0800 WILDLIFE AND FISH	838	339.9	38,391,870	102,401,520	*		*
0900 CITRUS SUB TROP FRUT	366	174.7	24,570,448	47,043,588	*		*
1000 FRUIT NUTS DECIDUOUS	1036	378.0	40,517,381	102,504,933	*		*
1100 POTATOES	442	131.9	18,996,645	36,780,682	*		*
1200 VEGETABLES	1575	516.8	52,425,284	134,329,793	*		*
1300 ORNAMENTALS TURF	598	229.3	12,532,287	51,882,530	*		*
1400 CORN	1163	328.9	47,113,058	91,954,805	*		*
1500 GRAIN SORGHUM	282	80.8	5,165,540	17,393,678	*		*
1600 RICE	211	75.8	7,041,914	20,251,925	*		*
1700 WHEAT	933	297.7	34,924,353	71,306,183	*		*
1800 OTHER SMALL GRAINS	466	109.9	11,957,901	29,126,586	*		*
1900 PASTURE	172	36.0	5,411,543	9,407,884	*		*
2000 FORAGE CROPS	828	236.6	26,741,900	62,234,301	*		*
2100 COTTON	501	247.8	41,655,405	63,094,060	*		*
2200 COTTONSEED	34	11.8	2,795,759	3,094,387	*		*
2300 SOYBEANS	1022	291.8	38,956,304	76,102,523	*		*
2400 PEANUTS	211	73.3	9,568,248	19,783,598	*		*
2500 OTHER OILSEED CROPS	248	81.0	10,270,038	15,857,747	*		*
2600 TOBACCO	210	78.2	8,800,533	20,281,303	*		*
2700 SUGAR CROPS	172	79.1	12,624,053	21,175,070	*		*
2800 MISC NEW CROPS	258	72.1	13,377,447	24,801,348	*		*
2900 POULTRY	701	285.4	38,167,170	80,101,820	*		*
3000 BEEF CATTLE	1334	454.4	56,689,124	155,179,788	*		*
3100 DAIRY CATTLE	1140	352.8	48,362,343	122,868,842	*		*
3200 SWINE	753	227.4	38,807,389	80,299,422	*		*
3300 SHEEP AND WOOL	425	119.8	15,201,491	37,453,110	*		*
3400 OTHER ANIMALS	386	121.1	9,016,988	33,550,795	*		*
3500 BEES AND HONEY	78	36.3	6,905,872	9,465,511	*		*
3600 FARM SUPP & FACILITS	69	19.2	882,939	4,704,458	*		*
3700 CLOTHING & TEXTILES	80	18.1	419,322	2,925,338	*		*
3800 FOOD	521	202.5	20,133,431	52,876,320	*		*
3900 HOUSING & EQUIP	143	40.9	2,175,560	8,843,998	*		*
4000 PEOPLE AS INDIVIDUALS	719	235.6	55,829,047	75,556,109	*		*
4100 FAMILY MEMBERS	246	71.9	3,306,453	16,110,373	*		*
4200 FARM AS BUSINESS	184	56.2	3,353,893	9,725,915	*		*
4300 SOC POLIT ORGANIZ	380	125.1	10,070,345	26,914,206	*		*
4400 AGRIC ECONOMY U S	172	111.6	12,475,478	20,475,822	*		*
4500 AGRIC ECONOMY FORGN	87	95.8	14,828,366	20,446,685	*		*
4600 FARM COOPERATIVES	29	21.6	3,518,178	4,107,135	*		*
4700 OTH MARKET PROCESS	28	4.7	181,027	1,077,398	*		*
4800 MARKETING SYSTEMS	78	35.8	4,625,156	7,337,831	*		*
6100 WEEDS	218	88.4	8,866,227	16,355,793	*		*
6200 SEED RESEARCH	83	19.3	917,706	4,442,833	*		*
6300 BIO CELL SYSTEMS	280	103.3	3,586,271	35,225,855	*		*
6400 EXP DESIGN/STAT METHOD	102	44.8	1,778,544	8,805,023	*		*
6500 INVERTEBRATES	609	204.1	19,781,754	51,909,884	*		*
6600 MICROORGANISMS VIRUSES	690	170.5	20,312,892	51,773,021	*		*
6700 PLANTS	1178	371.5	49,243,242	107,453,138	*		*
6800 ANIMALS(VERTEBRATES)	476	144.4	5,934,793	41,292,305	*		*
6900 RESEARCH ON RSCH MGMT	59	21.0	7,952,694	8,509,224	*		*
7000 RSCH EQUIP & TECHNOLOGY	165	48.8	7,259,206	19,442,249	*		*
9900 UNCLASSIFIED	6	0.0	2,048,287	2,073,838	*		*
TOTAL		9765.8	1,257,689,498	2,692,612,746	*		*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	212	59.8	3,788,784	17,007,845	*	*
102 SOIL PLNT WTR NUTRI	1136	396.3	58,055,276	109,785,070	*	*
103 MGMT OF SALINE SOILS	74	21.4	2,621,805	5,598,550	*	*
104 ALTERN USE OF LAND	157	57.2	7,793,270	13,278,578	*	*
105 CONSERV USE OF WATER	439	131.0	16,184,848	36,023,901	*	*
106 DRAIN AND IRRIGATION	161	52.9	8,339,443	13,893,788	*	*
107 WATERSHED PROT & MGMT	381	170.9	36,844,416	48,525,897	*	*
108 ECON LEG PROB OF WAT	63	21.1	960,445	4,009,285	*	*
109 WEATHER ADAPT & MOD	222	83.1	11,877,883	23,172,045	*	*
110 APPRAIS FORST & RANGS	139	99.9	21,844,415	34,082,502	*	*
111 BIOL CULT MGMT FORSTS	440	254.9	35,172,334	55,800,137	*	*
112 IMPROV RANGE RESOR	215	83.5	10,145,513	22,124,726	*	*
113 REMOTE SENSING	103	44.3	7,958,918	13,570,309	*	*
114 RSCH ON MGMT OF RSCH	58	21.0	7,948,755	8,501,843	*	*
SUBTOTAL		1493.9	227,593,905	403,354,984	*	*
SERIES 200						
201 CNTRL FORST INSECTS	219	116.3	19,578,772	26,982,403	*	*
202 CONTROL FOREST DIS	144	65.9	9,817,839	14,265,288	*	*
203 FOREST FIRE PROTECT	29	32.7	5,618,288	8,855,088	*	*
204 CNTR PESTS FRT & VEGS	750	228.8	33,003,948	64,044,880	*	*
205 CNTR DISE FRT & VEG	928	283.4	29,008,887	75,507,002	*	*
206 CNTR WEEDS FRT & VEG	205	41.1	4,148,594	11,238,030	*	*
207 CNTR PESTS FLD CROPS	809	303.8	38,480,363	76,384,117	*	*
208 CNTR DIS FIELD CROPS	893	314.9	31,997,980	76,348,268	*	*
209 CNTR WEEDS FLD CROPS	467	182.0	22,248,108	45,889,073	*	*
210 CONTR PESTS ANIMALS	178	70.4	9,903,817	16,944,159	*	*
211 CONTR DIS ANIMALS	872	384.9	59,165,590	126,081,911	*	*
212 CNTR INTER PARASITES	104	48.4	8,263,572	14,520,858	*	*
213 PROT ANMLS FROM TOXINS	112	58.1	5,381,098	14,277,849	*	*
214 PROTECT FROM POLLUTION	228	85.7	17,984,875	28,774,823	*	*
SUBTOTAL		2196.8	294,337,279	597,072,780	*	*
SERIES 300						
301 GENET BREED FORST TRE	99	52.7	8,380,735	12,858,533	*	*
302 IMP FOREST ENG SYS	31	18.8	3,332,215	4,310,981	*	*
303 ECON TIMBER PRDUCTN	86	28.2	3,550,208	8,951,343	*	*
304 IMP BIO EFF FRT & VEGS	1043	355.7	38,351,891	102,014,192	*	*
305 MECH PROD FRT & VEGS	71	17.1	1,871,918	4,184,538	*	*
306 PROD MGMT SYS F & V	148	31.8	2,080,178	7,404,078	*	*
307 IMP BIO EFF FLD CRP	1880	633.2	77,011,181	183,982,308	*	*
308 MECH PROD FIELD CROPS	104	33.5	3,149,055	8,492,006	*	*
309 PROD MGMT SYS FLD CRP	441	115.8	8,357,014	27,858,420	*	*
310 ANIMAL REPRODUCTIDN	570	203.3	24,850,761	71,530,585	*	*
311 IMP BIO EFF ANML PR	1210	440.8	50,193,480	183,819,958	*	*
312 ENV STRESS IN ANML PR	182	53.8	5,854,599	18,293,176	*	*
313 PROD MGMT SYS ANML PR	293	68.5	5,302,119	21,732,990	*	*
314 BEES OTH POLLNTNG INS	78	38.3	8,905,872	9,485,511	*	*
315 IMP STRUC FARM SUPP	87	29.1	1,081,574	8,289,821	*	*
316 FARM BUSINESS MGMT	134	42.5	2,122,101	7,428,550	*	*
317 MECH/STRUCTS ANML PRO	28	5.4	170,525	1,200,808	*	*
318 NON COM BIO TECH/BIMET	1539	517.9	43,830,285	182,988,272	*	*
SUBTOTAL		2684.0	281,945,892	818,384,123	*	*
SERIES 400						
401 NEW IMP FOREST PROD	289	131.8	28,591,558	38,477,743	*	*
402 PROD F & V IMP ACCEPT	312	80.6	8,578,277	20,559,342	*	*
403 NEW & IMP F & V PROD	174	88.5	5,941,082	15,351,925	*	*
404 MKT QUAL FRTS & VEGS	248	118.4	15,337,488	28,902,272	*	*
405 PROD FLD CROP IMP ACPT	425	181.4	21,497,338	42,458,833	*	*
408 NEW IMP FOOD FLD CROP	214	81.7	10,952,572	21,599,301	*	*
407 NEW IMP NON FOOD FC	284	125.3	31,248,442	38,515,128	*	*
408 MKT QUAL FIELD CROPS	125	57.2	9,380,808	14,689,244	*	*
409 PROD ANML PR IMP ACCP	203	85.8	7,511,812	22,356,816	*	*
410 IMP MEAT MILK EGG PR	273	93.4	7,938,827	23,821,228	*	*
411 IMP NON FOOD ANML PR	37	17.5	4,957,049	5,387,041	*	*
412 MKT QUAL ANIMAL PROD	82	24.0	3,210,227	7,145,719	*	*
SUBTOTAL		1021.7	153,140,880	275,282,387	*	*
SERIES 500						
501 IMP GRADES & STANDS	85	28.5	4,422,558	8,390,399	*	*
502 MKTG TIMBER PRDUCTS	28	14.5	2,527,550	3,298,836	*	*
503 MKTG EFF AGRI PRODS	139	45.4	3,929,080	9,237,283	*	*
506 SPLY DEMAND AND PRIC	187	108.8	11,835,228	17,253,853	*	*
507 COMP REL IN AGRIC	78	24.4	1,587,340	3,758,802	*	*
508 DOMESTIC MKT DEVELP	60	7.1	1,417,008	3,976,176	*	*
509 PERFORMANCE MKTG SYS	151	75.8	8,118,148	13,057,835	*	*
510 GROUP ACT MKT POWER	22	7.9	1,251,288	1,798,303	*	*
511 IMP AGRIC STATISTICS	44	15.0	1,574,805	2,511,837	*	*
512 IMP GRADES FRST PROD	9	4.7	952,805	1,211,818	*	*
513 PRICE ANAL FRST PROD	25	11.8	1,408,232	1,919,082	*	*
SUBTOTAL		339.8	38,802,042	84,382,425	*	*
SERIES 800						
801 FGN MKT DEVELP	207	144.4	19,751,253	28,830,710	*	*
802 EVAL FGN FOOD AID PGM	5	3.5	509,558	585,494	*	*
803 TECH AID DEV CRTY	49	15.4	1,785,115	12,438,784	*	*
804 PRO DVLPMT/MKTG FRGN	50	13.8	2,698,055	4,546,447	*	*
SUBTOTAL		177.0	24,743,979	46,401,435	*	*
SERIES 700						
701 TOX RES IN FOOD	178	83.5	15,028,434	18,527,897	*	*
702 FOOD PROT FROM TOX	297	147.1	27,429,044	42,210,149	*	*
703 FOOD CONSUMP HABITS	157	51.2	4,588,233	9,537,129	*	*
704 HOME COMM FOOD SERV	24	4.9	153,271	893,585	*	*
705 SEL CARE CLOTH & TEXTL	80	14.8	303,859	2,243,809	*	*
706 CONTR INSECTS AFF MAN	113	57.7	8,508,331	13,244,618	*	*
707 TRANS ANIML MAN DIS	33	10.3	585,204	2,373,598	*	*
708 HUMAN NUTRITION	507	190.4	56,200,898	75,781,059	*	*
709 REDUCE HAZ HLTH & SFTY	90	28.7	2,888,489	8,198,928	*	*
SUBTOTAL		566.5	113,445,560	170,958,844	*	*

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL SAES - USDA

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 800						
801 RURAL HOUSING	53	12.7	1,043,724	2,883,188	*	*
802 INDIV & FAM DEC MAKING	201	49.4	1,842,867	7,574,012	*	*
803 RURAL POVERTY	23	4.5	272,588	884,748	*	*
804 ECON POTENT RURL PEO	111	33.9	3,211,018	8,993,491	*	*
805 COMMUNICAT EDUC PROC	131	39.8	791,874	8,110,988	*	*
806 ADJUSTMENT TO CHANGE	188	57.5	1,493,068	12,542,501	*	*
807 AGRIC ECONOMIC CHANGE	149	89.3	8,199,000	12,594,304	*	*
808 GOVT PROGRAMS	74	39.3	4,187,195	7,083,750	*	*
SUBTOTAL		300.9	20,988,407	58,159,930	*	*
SERIES 900						
901 ALLEV POLLUTION	918	277.2	41,287,318	81,743,238	*	*
902 OUTDOOR RECREATION	108	52.7	5,089,313	10,888,130	*	*
903 MULTI USE FOREST POTEN	110	51.3	5,275,988	11,581,017	*	*
904 WLDLFE AND FISH ECOL	997	291.9	29,893,280	84,155,935	*	*
905 TREES BEAUTIFICATION	105	51.9	5,154,078	9,212,998	*	*
909 ORNAMENT & TURF DEV	539	189.7	9,775,234	44,003,434	*	*
907 RURAL INCOME IMP	133	30.5	2,933,429	9,091,358	*	*
908 RURAL INSTITUT IMP	180	43.8	4,453,888	8,938,541	*	*
990 UNCLASSIFIED	9	0.0	2,048,287	2,073,838	*	*
SUBTOTAL		985.7	102,891,773	258,888,088	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		9795.8	1,257,889,498	2,892,612,749	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	386	172.1	54,782,887	56,006,438	*	7,380,750
0200 WATER	387	133.9	45,158,581	47,440,749	*	8,448,240
0300 WATERSHEDS RIVER BAS	149	73.3	23,438,720	24,575,848	*	878,242
0400 AIR AND CLIMATE	13	8.8	2,688,121	2,743,545	*	0
0500 RECREATION RESOURCES	25	32.1	5,581,192	6,088,179	*	182,980
0600 TIMBER FORST PRDOUCT	588	588.4	142,280,224	154,178,088	*	8,458,339
0700 RANGE	138	80.7	19,328,300	21,288,508	*	1,008,883
0800 WILDLIFE AND FISH	149	87.8	33,814,083	38,072,087	*	7,431,899
0900 CITRUS SUB TROP FRUT	123	70.1	22,998,787	23,708,898	*	1,272,818
1000 FRUIT NUTS DECIDUOUS	284	103.2	32,835,212	33,482,812	*	4,482,389
1100 POTATOES	147	40.7	18,488,285	18,808,758	*	4,018,381
1200 VEGETABLES	377	108.1	40,107,384	40,884,793	*	8,923,731
1300 ORNAMENTALS TURF	88	28.8	8,812,788	8,784,249	*	810,864
1400 CORN	321	138.8	41,288,135	41,465,848	*	3,787,883
1500 GRAIN SORGHUM	59	13.1	4,188,518	4,312,818	*	555,883
1600 RICE	70	22.8	8,384,203	8,838,853	*	1,257,840
1700 WHEAT	288	112.1	30,852,028	30,984,022	*	4,118,491
1800 OTHER SMALL GRAINS	129	34.0	10,085,054	10,173,628	*	1,838,588
1900 PASTURE	53	18.8	4,531,178	4,541,407	*	102,908
2000 FORAGE CROPS	194	80.2	20,732,088	20,855,384	*	1,773,515
2100 COTTON	184	147.2	38,382,187	38,672,882	*	2,088,424
2200 COTTONSEED	25	10.8	2,784,347	2,858,992	*	8,922
2300 SOYBEANS	280	110.8	31,871,982	32,871,548	*	3,878,030
2400 PEANUTS	80	28.1	8,877,241	8,888,878	*	1,038,825
2500 OTHER OILSEED CROPS	104	21.1	8,428,118	8,478,704	*	2,788,188
2800 TOBACCO	58	25.0	7,431,187	7,437,358	*	708,344
2700 SUGAR CROPS	58	38.3	11,484,488	11,574,735	*	258,358
2800 MISC NEW CROPS	81	18.3	11,202,080	11,782,138	*	3,870,022
2800 POULTRY	148	82.0	28,877,813	30,013,810	*	4,282,082
3000 BEEF CATTLE	258	127.2	48,048,828	48,184,128	*	5,888,858
3100 DAIRY CATTLE	205	88.1	38,878,581	38,837,078	*	5,811,121
3200 SWINE	154	88.8	32,082,888	32,280,101	*	3,808,078
3300 SHEEP AND WOOL	100	33.7	12,128,888	12,141,488	*	828,521
3400 OTHER ANIMALS	48	3.5	8,472,377	8,474,388	*	2,401,134
3500 BEES AND HONEY	32	23.8	8,841,888	8,884,287	*	203,870
3800 FARM SUPP & FACILITS	8	0.5	247,801	247,801	*	188,411
3800 FOOD	84	47.8	18,088,582	18,381,885	*	3,702,328
3800 HOUSING & EQUIP	18	3.8	1,157,087	1,182,757	*	208,183
4000 PEOPLE AS INDIVIDUALS	171	75.2	52,447,533	53,173,880	*	10,840,488
4100 FAMILY MEMBERS	11	3.2	1,888,470	1,888,470	*	1,027,888
4200 FARM AS BUSINESS	11	1.8	1,487,384	1,487,384	*	818,384
4300 SOC POLIT ORGANIZ	48	23.1	7,835,483	7,715,283	*	2,388,444
4400 AGRIC ECONOMY U S	34	58.5	11,312,888	11,381,778	*	1,800,382
4500 AGRIC ECONOMY FORGN	35	78.2	14,488,238	14,488,238	*	1,538,172
4800 FARM COOPERATIVES	12	18.8	3,418,745	3,418,745	*	81,748
4700 OTH MARKET PROCESS	1	0.0	32,101	32,101	*	32,101
4800 MARKETING SYSTEMS	8	15.8	4,083,882	4,083,882	*	258,382
8100 WEEDS	70	28.8	7,500,838	7,828,157	*	1,000,870
8200 SEED RESEARCH	4	2.8	808,581	811,871	*	0
8300 BIO CELL SYSTEMS	25	4.7	1,782,811	1,808,748	*	284,727
8400 EXP DESIGN/STAT METHOD	10	8.1	1,322,730	1,322,730	*	0
8500 INVERTEBRATES	148	47.8	18,471,357	18,838,852	*	3,718,208
8800 MICROORGANISMS VIRUSES	188	20.8	17,237,328	17,714,888	*	7,082,728
8700 PLANTS	380	88.7	44,145,123	45,748,858	*	13,878,380
8800 ANIMALS(VERTEBRATES)	48	7.8	3,308,882	3,348,882	*	1,838,808
8800 RESEARCH ON RSCH MGMT	17	3.1	4,478,320	4,478,320	*	3,883,480
7000 RSCH EQUIP & TECHNOLOGY	53	13.8	8,702,538	8,822,424	*	2,301,378
8800 UNCLASSIFIED	8	0.0	2,048,287	2,048,287	*	0
TOTAL		3281.3	1,078,084,103	1,108,552,841	*	180,483,758

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	23	4.6	2,182,476	2,280,407	*	386,886
102 SOIL PLNT WTR NUTRI	334	153.9	51,454,576	52,302,530	*	5,628,286
103 MGMT OF SALINE SOILS	18	8.7	2,280,484	2,337,842	*	185,852
104 ALTERN USE OF LAND	19	28.7	8,895,363	8,823,363	*	186,854
105 CONSERV USE OF WATER	133	54.3	14,468,333	15,817,866	*	944,761
106 DRAIN AND IRRIGATION	40	17.1	5,564,216	5,864,770	*	645,846
107 WATERSHED PROT & MGMT	183	125.3	35,666,823	37,501,916	*	1,472,735
108 ECON LEG PROB OF WAT	4	2.7	588,031	588,031	*	194,281
109 WEATHER ADAPT & MOD	77	32.6	10,936,161	10,872,212	*	582,273
110 APPRAIS FORST & RANGS	36	58.6	20,733,266	24,620,809	*	208,306
111 BIOL CULT MGMT FORSTS	162	156.5	31,236,149	33,977,212	*	1,122,684
112 IMPROV RANGE RESOR	56	38.7	8,142,982	8,576,472	*	336,002
113 REMOTE SENSING	44	24.0	7,476,474	8,264,381	*	395,034
114 RSCH ON MGMT OF RSCH	17	3.1	4,476,320	4,476,320	*	3,893,480
SUBTOTAL		706.6	202,821,187	215,446,763	*	18,463,132
SERIES 200						
201 CNTRL FORST INSECTS	100	85.3	18,563,106	16,582,671	*	458,742
202 CONTROL FOREST DIS	56	35.3	8,390,615	8,630,124	*	827,132
203 FOREST FIRE PROTECT	23	26.6	5,574,118	6,366,823	*	0
204 CNTR PESTS FRT & VEGS	274	83.6	28,825,332	30,066,188	*	3,612,883
205 CNTR DISE FRT & VEG	261	80.6	23,350,375	23,748,158	*	5,475,361
206 CNTR WEEDS FRT & VEG	54	5.6	2,758,311	2,846,765	*	1,050,868
207 CNTR PESTS FLD CROPS	260	120.0	33,333,745	34,622,865	*	4,078,324
208 CNTR DIS FIELD CROPS	226	82.1	26,356,612	26,447,133	*	3,404,215
209 CNTR WEEDS FLD CROPS	143	96.8	18,746,031	18,960,336	*	2,412,307
210 CONTR PESTS ANIMALS	42	32.8	8,527,679	8,587,873	*	406,451
211 CONTR DIS ANIMALS	154	68.6	51,354,335	51,632,628	*	6,560,024
212 CNTR INTER PARASITES	25	17.6	7,402,320	7,624,230	*	851,018
213 PROT ANMLS FROM TOXINS	28	16.6	4,676,821	4,687,681	*	594,591
214 PROTECT FROM POLLUTION	61	33.6	18,526,857	17,244,032	*	4,588,253
SUBTOTAL		781.6	254,356,853	261,077,688	*	34,129,996
SERIES 300						
301 GENET BREED FORST TRE	24	18.2	5,022,623	5,187,627	*	367,000
302 IMP FOREST ENG SYS	14	14.3	3,172,010	3,261,860	*	314,110
303 ECON TIMBER PRODUCTN	15	17.4	2,834,515	3,436,182	*	86,746
304 IMP BIO EFF FRT & VEGS	224	72.2	27,974,881	28,364,763	*	5,555,981
305 MECH PROD FRT & VEGS	11	4.0	1,213,713	1,216,827	*	131,448
306 PROD MGMT SYS F & V	21	0.8	1,297,368	1,302,518	*	1,156,134
307 IMP BIO EFF FLD CRP	481	190.6	65,248,243	66,267,704	*	8,813,367
308 MECH PROD FIELD CROPS	16	7.8	2,363,748	2,400,784	*	132,071
309 PROD MGMT SYS FLD CRP	52	20.2	6,226,124	6,236,776	*	1,200,688
310 ANIMAL REPRODUCTION	81	32.4	17,300,208	17,342,506	*	4,320,442
311 IMP BIO EFF ANML PR	188	68.7	34,512,588	34,607,147	*	5,990,725
312 ENV STRESS IN ANML PR	27	8.7	3,626,261	3,626,261	*	1,018,480
313 PROD MGMT SYS ANML PR	32	8.1	3,117,365	3,123,055	*	1,202,080
314 BEES OTH POLLNTNG INS	32	23.8	6,641,666	6,664,267	*	203,870
315 IMP STRUC FARM SUPP	1	0.0	136,347	136,347	*	0
316 FARM BUSINESS MGMT	7	1.1	645,185	645,185	*	329,985
318 NON COM BIO TECH/BIMET	288	59.1	35,457,205	36,713,871	*	11,328,085
SUBTOTAL		544.3	217,122,403	220,869,290	*	42,254,221
SERIES 400						
401 NEW IMP FOREST PROD	122	75.8	25,059,867	26,512,780	*	4,438,110
402 PROD F & V IMP ACCEPT	76	27.1	7,281,591	7,323,054	*	882,839
403 NEW & IMP F & V PROD	28	11.8	4,736,921	4,736,921	*	782,234
404 MKT QUAL FRTS & VEGS	88	55.8	13,983,154	14,103,415	*	858,983
405 PROD FLD CROP IMP ACPT	159	68.7	18,203,384	19,567,788	*	2,078,467
406 NEW IMP FOOD FLD CROP	44	30.4	9,758,383	9,771,234	*	2,134,904
407 NEW IMP NON FOOD FC	152	86.6	30,187,214	30,272,085	*	4,529,308
408 MKT QUAL FIELD CROPS	53	36.1	8,730,614	8,855,813	*	194,514
409 PROD ANML PR IMP ACCP	39	11.8	5,408,302	5,446,221	*	1,057,677
410 IMP MEAT MILK EGG PR	29	17.3	6,180,103	6,190,084	*	1,513,798
411 IMP NON FOOD ANML PR	19	13.4	4,822,828	4,822,828	*	574,392
412 MKT QUAL ANIMAL PROD	14	7.2	2,857,210	2,872,934	*	338,242
SUBTOTAL		446.2	138,006,568	140,277,943	*	18,983,487
SERIES 500						
501 IMP GRADES & STANDS	22	15.3	4,066,778	4,066,779	*	264,773
502 MKTG TIMBER PRODUCTS	9	10.5	2,424,487	2,862,155	*	206,478
503 MKTG EFF AGRI PRODS	26	15.3	3,185,335	3,270,679	*	336,359
506 SPLY DEMAND AND PRIC	34	60.4	10,118,876	10,225,829	*	1,053,280
507 COMP REL IN AGRIC	7	5.4	1,126,928	1,132,178	*	277,878
508 DOMESTIC MKT DEVELP	7	0.0	1,278,223	1,278,223	*	225,183
509 PERFORMANCE MKTG SYS	23	38.5	8,847,840	8,862,040	*	532,944
510 GROUP ACT MKT POWER	5	5.3	1,128,337	1,128,337	*	98,854
511 IMP AGRIC STATISTICS	12	8.1	1,403,671	1,403,671	*	80,841
512 IMP GRADES FRST PROD	4	4.0	862,813	986,260	*	0
513 PRICE ANAL FRST PROD	9	8.6	1,263,468	1,308,134	*	0
SUBTOTAL		172.4	33,787,962	34,405,284	*	3,076,500
SERIES 600						
601 FGN MKT DEVELP	66	86.0	18,361,068	18,365,532	*	4,139,446
602 EVAL FGN FOOD AID PGM	3	3.1	507,800	507,800	*	0
603 TECH AID DEV CRTY	11	4.2	1,721,031	2,072,586	*	0
604 PRD DVLPMT/MKTG FRGN	11	3.5	2,625,798	2,625,788	*	339,953
SUBTOTAL		96.8	23,215,716	23,571,729	*	4,479,399
SERIES 700						
701 TOX RES IN FOOD	78	32.7	14,422,586	14,712,373	*	5,064,473
702 FOOD PROT FROM TOX	108	76.4	25,638,198	25,843,713	*	3,703,185
703 FOOD CONSUMP HABITS	22	17.2	3,506,196	3,772,801	*	226,103
706 CONTR INSECTS AFF MAN	28	24.7	5,722,615	5,726,065	*	84,117
707 TRANS ANIML MAN DIS	4	1.3	335,412	335,412	*	0
708 HUMAN NUTRITION	148	60.8	53,426,634	54,036,358	*	12,405,842
709 REDUCE HAZ HLTH & SFTY	26	7.8	2,376,385	2,481,872	*	217,577
SUBTOTAL		223.7	105,431,276	106,678,564	*	21,881,308

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL USDA RESEARCH AGENCIES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 800						
801 RURAL HOUSING	5	1.7	771,012	771,012	*	22,660
802 INDIV & FAM DEC MAKING	14	5.9	1,055,236	1,055,236	*	156,643
803 RURAL POVERTY	5	0.0	188,488	188,488	*	188,488
804 ECON POTENT RURL PEO	15	9.9	2,504,518	2,564,518	*	748,381
805 COMMUNICAT EDUC PROC	9	0.0	414,343	414,343	*	175,481
806 ADJUSTMENT TO CHANGE	3	1.5	334,590	334,590	*	72,590
807 AGRIC ECONOMIC CHANGE	23	30.0	7,244,361	7,268,753	*	836,658
808 GOVT PROGRAMS	21	16.1	3,675,614	3,700,005	*	1,025,399
SUBTOTAL		65.0	16,186,162	16,294,944	*	3,224,279
SERIES 900						
901 ALLEV POLLUTION	257	76.2	36,067,523	36,751,370	*	10,406,787
902 OUTDOOR RECREATION	21	24.2	4,465,818	4,572,450	*	157,980
903 MULTI USE FOREST POTEN	24	23.1	4,488,077	4,987,632	*	89,746
904 WLDLFE AND FISH ECOL	90	63.0	22,938,334	24,144,512	*	3,076,176
905 TREES BEAUTIFICATION	22	30.2	4,618,447	4,668,447	*	21,859
906 ORNAMENT & TURF DEV	58	17.7	4,842,117	4,993,608	*	762,684
907 RURAL INCOME IMP	21	7.1	2,331,573	2,360,496	*	735,094
908 RURAL INSTITUT IMP	23	9.5	3,379,017	3,399,923	*	941,173
990 UNCLASSIFIED	5	0.0	2,049,267	2,049,267	*	0
SUBTOTAL		251.1	85,180,173	87,927,707	*	16,191,457
SCIENCE IN SERV OF MAN GRAND TOTAL		3291.3	1,076,094,103	1,106,552,941	*	160,463,758

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- AGRICULTURAL COOPERATIVE SERVICE ACS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
4800 FARM COOPERATIVES	10	16.9	3,354,997	3,354,997	*	*
TOTAL		16.9	3,354,997	3,354,997	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- AGRICULTURAL COOPERATIVE SERVICE ACS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 500						
508 PERFORMANCE MKTG SYS	7	11.6	2,325,514	2,325,514	*	*
510 GROUP ACT MKT POWER	3	5.3	1,029,483	1,029,483	*	*
SUBTOTAL		16.9	3,354,997	3,354,997	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		16.9	3,354,997	3,354,997	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	250	102.0	29,614,635	30,257,374	*	713,337
0200 WATER	283	97.9	28,971,835	30,847,658	*	940,451
0300 WATERSHEDS RIVER BAS	102	39.8	12,018,020	12,487,780	*	144,338
0600 TIMBER FORST PRODUCT	41	33.0	5,982,871	8,025,904	*	80,280
0700 RANGE	95	60.3	13,705,332	15,075,188	*	124,000
0800 WILDLIFE AND FISH	19	10.9	5,832,541	5,844,541	*	509,802
0900 CITRUS SUB TROP FRUT	101	68.7	20,701,470	21,407,589	*	51,042
1000 FRUIT NUTS DECIDUOUS	208	101.8	28,290,313	28,917,913	*	411,731
1100 POTATOES	104	37.4	12,301,557	12,420,030	*	652,312
1200 VEGETABLES	244	108.2	29,435,291	29,992,690	*	408,843
1300 ORNAMENTALS TURF	52	27.8	5,708,974	5,880,465	*	42,500
1400 CORN	244	134.1	34,528,302	34,704,388	*	683,194
1500 GRAIN SORGHUM	46	10.8	3,170,603	3,269,353	*	188,588
1900 RICE	49	20.1	4,839,239	5,079,339	*	252,552
1700 WHEAT	200	107.0	28,190,829	28,283,950	*	269,888
1800 OTHER SMALL GRAINS	102	32.5	7,830,875	7,903,899	*	210,178
1900 PASTURE	50	16.3	4,401,918	4,412,151	*	32,250
2000 FORAGE CROPS	157	79.2	18,763,753	18,871,519	*	321,768
2100 COTTON	187	140.5	36,475,894	36,750,809	*	415,524
2200 COTTONSEED	22	9.5	2,575,935	2,648,580	*	5,922
2300 SOYBEANS	221	105.6	27,123,484	28,007,521	*	738,458
2400 PEANUTS	50	27.9	7,639,213	7,850,650	*	156,197
2500 OTHER OILSEED CROPS	50	19.0	5,497,706	5,550,294	*	282,532
2600 TOBACCO	36	21.8	5,406,747	5,412,917	*	*
2700 SUGAR CROPS	49	33.5	10,386,542	10,476,779	*	25,000
2800 MISC NEW CROPS	52	16.3	6,049,642	6,561,308	*	407,665
2900 POULTRY	101	78.0	22,946,298	23,282,098	*	228,154
3000 BEEF CATTLE	177	120.3	37,798,838	37,914,439	*	393,139
3100 DAIRY CATTLE	130	81.0	28,153,450	28,400,477	*	187,919
3200 SWINE	108	83.9	25,813,582	26,040,698	*	242,798
3300 SHEEP AND WOOL	76	32.1	10,551,922	10,564,511	*	59,880
3400 OTHER ANIMALS	14	3.5	2,495,412	2,497,402	*	*
3500 BEES AND HONEY	27	23.0	8,282,375	8,334,956	*	160,870
3800 FOOD	44	27.8	8,731,038	8,994,331	*	28,000
3900 HOUSING & EQUIP	6	2.1	547,320	547,320	*	*
4000 PEOPLE AS INDIVIDUALS	131	67.9	47,545,495	48,167,932	*	8,285,933
8100 WEEDS	55	26.1	6,551,064	6,676,381	*	85,983
8200 SEED RESEARCH	2	1.5	342,498	342,498	*	*
8300 BIO CELL SYSTEMS	18	4.3	1,231,073	1,278,009	*	2,293
8500 INVERTEBRATES	61	39.0	8,921,891	9,276,858	*	68,584
8600 MICROORGANISMS VIRUSES	49	18.6	4,849,088	5,269,342	*	77,607
8700 PLANTS	171	86.8	22,890,237	24,379,564	*	1,242,812
8800 ANIMALS(VERTEBRATES)	13	7.9	1,354,241	1,394,241	*	*
7000 RSCH EQUIP & TECHNOLOGY	35	8.9	2,735,898	2,918,927	*	*
9900 UNCLASSIFIED	5	0.0	2,049,267	2,049,267	*	*
TOTAL		2152.7	635,194,109	649,009,855	*	19,110,099

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- AGRICULTURAL RESEARCH SERVICE ARS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	18	4.8	1,819,502	1,727,430	*	15,000
102 SOIL PLNT WTR NUTRI	199	116.8	33,071,224	33,609,449	*	403,480
103 MGMT OF SALINE SOILS	19	8.7	2,280,484	2,337,842	*	185,882
104 ALTERN USE OF LAND	3	0.9	181,876	209,876	*	*
105 CONSERV USE OF WATER	117	51.1	12,988,409	14,301,773	*	454,748
106 ORAIN AND IRRIGATION	32	17.1	4,776,437	5,106,992	*	*
107 WATERSHED PROT & MGMT	117	68.9	19,573,388	20,226,875	*	214,781
109 WEATHER ADAPT & MOD	57	17.1	5,183,980	5,380,811	*	289,954
110 APPRAIS FORST & RANGS	1	0.0	0	11,083	*	*
112 IMPROV RANGE RESOR	43	29.2	7,054,473	7,248,837	*	97,500
113 REMOTE SENSING	28	12.8	3,702,367	4,382,551	*	*
SUBTOTAL		327.2	90,412,149	94,546,518	*	1,621,324
SERIES 200						
201 CNTRL FORST INSECTS	30	15.2	3,093,784	3,150,755	*	63,742
202 CONTROL FOREST OIS	4	1.0	207,648	231,588	*	*
204 CNTR PESTS FRT & VEGS	198	83.8	24,708,459	25,977,294	*	358,011
205 CNTR DISE FRT & VEG	184	80.9	18,388,621	18,788,703	*	883,937
206 CNTR WEEDS FRT & VEG	29	5.8	1,603,683	1,692,437	*	14,760
207 CNTR PESTS FLO CROPS	179	120.0	28,573,051	29,882,271	*	279,876
208 CNTR OIS FIELO CROPS	159	92.1	21,904,593	21,994,814	*	112,890
209 CNTR WEEDS FLO CROPS	100	68.7	16,029,521	16,218,330	*	15,330
210 CONTR PESTS ANIMALS	33	32.8	8,174,570	8,234,467	*	53,045
211 CONTR OIS ANIMALS	88	98.6	42,133,527	42,411,820	*	394,258
212 CNTR INTER PARASITES	17	17.8	6,231,302	6,453,212	*	70,000
213 PROT ANMLS FROM TOXINS	17	16.8	4,017,504	4,028,584	*	124,000
214 PROTECT FROM POLLUTION	29	14.1	3,876,838	4,251,057	*	1,000,941
SUBTOTAL		626.7	178,921,677	183,273,289	*	3,170,588
SERIES 300						
304 IMP BIO EFF FRT & VEGS	154	72.2	21,980,167	22,350,049	*	375,785
305 MECH PROD FRT & VEGS	8	4.0	880,285	886,179	*	3,000
306 PROO MGMT SYS F & V	5	0.8	141,236	146,384	*	*
307 IMP BIO EFF FLO CRP	377	190.9	53,891,104	55,010,585	*	1,957,527
308 MECH PROO FIELD CROPS	12	7.8	2,228,757	2,235,802	*	52,000
309 PROO MGMT SYS FLO CRP	57	20.2	5,040,676	5,052,328	*	72,250
310 ANIMAL REPROOUCTION	40	32.4	11,171,545	11,213,843	*	*
311 IMP BIO EFF ANML PR	102	68.7	23,837,391	23,931,949	*	71,724
312 ENV STRESS IN ANML PR	18	9.7	3,019,057	3,019,057	*	326,276
313 PROO MGMT SYS ANML PR	15	6.1	1,740,919	1,746,578	*	*
314 BEES OTH POLLNTNG INS	27	23.0	6,282,375	6,334,956	*	180,870
318 NON COM BIO TECH/BIMET	98	54.4	14,420,417	15,614,208	*	148,696
SUBTOTAL		490.1	144,893,908	147,521,901	*	3,188,128
SERIES 400						
402 PROO F & V IMP ACCEPT	60	27.1	8,497,708	8,538,172	*	83,558
403 NEW & IMP F & V PROO	16	11.6	3,046,595	3,046,595	*	75,000
404 MKT QUAL FRTS & VEGS	74	55.8	13,057,887	13,177,948	*	9,290
405 PROO FLO CROP IMP ACPT	137	69.7	17,814,521	17,978,904	*	488,804
406 NEW IMP FOOO FLO CROP	26	30.4	7,443,072	7,455,923	*	4,441
407 NEW IMP NON FOOO FC	87	89.9	22,885,853	22,970,723	*	488,232
408 MKT QUAL FIELO CROPS	49	36.1	8,523,491	8,848,490	*	37,368
409 PROO ANML PR IMP ACCP	27	11.8	4,302,357	4,343,278	*	*
410 IMP MEAT MILK EGG PR	17	17.3	4,686,304	4,678,288	*	*
411 IMP NON FOOO ANML PR	12	13.4	4,198,784	4,198,784	*	*
412 MKT QUAL ANIMAL PROO	13	7.2	2,326,753	2,342,477	*	7,784
SUBTOTAL		370.4	94,564,127	95,379,579	*	1,175,278
SERIES 500						
501 IMP GRAOES & STANOS	17	15.3	3,824,790	3,824,790	*	22,784
503 MKTG EFF AGRI PROOS	14	4.9	1,181,738	1,186,777	*	16,150
SUBTOTAL		20.2	4,988,528	5,011,567	*	38,934
SERIES 600						
601 FGN MKT OEVELP	5	1.1	193,324	197,769	*	28,000
603 TECH AIO OEV CRTY	5	0.8	598,321	598,321	*	*
604 PRO OVLPMT/MKTG FRGN	4	2.7	899,906	899,906	*	*
SUBTOTAL		4.4	1,691,550	1,695,996	*	28,000
SERIES 700						
701 TOX RES IN FOOO	33	28.0	8,050,831	8,340,618	*	7,000
702 FOOO PROT FROM TOX	75	77.8	20,822,211	20,827,758	*	118,281
703 FOOO CONSUMP HABITS	12	8.1	1,934,998	2,198,598	*	*
706 CONTR INSECTS AFF MAN	22	19.7	4,918,799	4,921,949	*	38,000
707 TRANS ANIML MAN OIS	3	0.8	218,212	218,212	*	*
708 HUMAN NUTRITION	113	58.3	47,551,088	48,160,812	*	8,247,933
709 REOUCE HAZ HLTH & SFTY	17	5.8	1,583,426	1,585,214	*	*
SUBTOTAL		196.4	85,079,563	86,253,158	*	8,409,214
SERIES 800						
802 INOIV & FAM OEC MAKING	10	5.1	787,593	787,593	*	*
SUBTOTAL		5.1	787,593	787,593	*	*
SERIES 900						
901 ALLEV POLLUTION	150	56.5	19,092,785	19,404,262	*	909,378
904 WLOLFE AND FISH ECOL	20	11.0	4,836,082	4,856,332	*	532,552
905 TREES BEAUTIFICATION	17	27.7	4,111,168	4,111,168	*	12,780
906 ORNAMENT & TURF OEV	45	17.0	3,987,734	4,139,225	*	43,920
990 UNCLASSIFIED	5	0.0	2,049,287	2,049,287	*	*
SUBTOTAL		112.2	34,077,018	34,560,255	*	1,498,630
SCIENCE IN SERV OF MAN GRAND TOTAL		2152.7	835,194,109	848,008,855	*	19,110,099

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- CSRS SPECIAL GRANTS CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	64	0.0	5,708,548	5,708,548	*	5,101,948
0200 WATER	57	0.0	6,624,725	6,624,725	*	5,098,203
0300 WATERSHEDS RIVER BAS	12	0.0	1,098,754	1,098,754	*	853,065
0400 AIR AND CLIMATE	2	0.0	477,725	477,725	*	0
0500 RECREATION RESOURCES	4	0.0	162,960	162,960	*	192,960
0600 TIMBER FORST PRODUCT	21	0.0	4,530,189	4,530,189	*	4,530,189
0700 RANGE	11	0.0	777,440	777,440	*	627,893
0800 WILDLIFE AND FISH	27	0.0	10,384,552	10,384,552	*	5,293,228
0900 CITRUS SUB TROP FRUT	17	0.0	1,878,623	1,878,623	*	971,343
1000 FRUIT NUTS DECIDUOUS	34	0.0	3,358,503	3,359,503	*	3,359,503
1100 POTATOES	31	0.0	2,712,513	2,712,513	*	2,525,854
1200 VEGETABLES	78	0.0	5,389,249	5,389,249	*	5,389,249
1300 ORNAMENTALS TURF	10	0.0	717,684	717,684	*	717,684
1400 CORN	34	0.0	1,983,771	1,983,771	*	1,020,699
1500 GRAIN SORGHUM	4	0.0	214,882	214,882	*	214,882
1600 RICE	7	0.0	396,348	396,348	*	396,348
1700 WHEAT	26	0.0	1,885,793	1,885,793	*	1,885,793
1800 OTHER SMALL GRAINS	9	0.0	705,128	705,128	*	633,467
1900 PASTURE	2	0.0	70,657	70,657	*	70,657
2000 FORAGE CROPS	22	0.0	1,159,247	1,156,247	*	1,056,247
2100 COTTON	11	0.0	1,159,683	1,156,683	*	1,156,683
2200 COTTONSEED	1	0.0	70,812	70,812	*	0
2300 SOYBEANS	28	0.0	2,402,583	2,402,583	*	2,146,276
2400 PEANUTS	4	0.0	471,628	471,628	*	471,628
2500 OTHER OILSEED CROPS	44	0.0	3,088,655	3,099,655	*	2,389,855
2600 TOBACCO	3	0.0	275,094	275,094	*	145,094
2700 SUGAR CROPS	2	0.0	105,358	105,358	*	105,358
2800 MISC NEW CROPS	24	0.0	3,995,357	3,995,357	*	3,412,357
2900 POULTRY	17	0.0	2,017,028	2,017,028	*	2,017,028
3000 BEEF CATTLE	29	0.0	1,543,674	1,543,674	*	1,543,674
3100 DAIRY CATTLE	19	0.0	1,527,873	1,527,873	*	1,527,873
3200 SWINE	12	0.0	1,003,880	1,003,880	*	1,003,880
3300 SHEEP AND WOOL	11	0.0	300,289	300,289	*	300,289
3400 OTHER ANIMALS	11	0.0	1,380,644	1,380,644	*	1,380,644
3500 FARM SUPP & FACILITS	5	0.0	188,411	188,411	*	188,411
3600 FOOD	20	0.0	2,744,311	2,744,311	*	2,744,311
3900 HOUSING & EQUIP	7	0.0	342,530	342,530	*	206,183
4000 PEOPLE AS INDIVIDUALS	12	0.0	1,184,732	1,184,732	*	1,184,732
4100 FAMILY MEMBERS	3	0.0	723,756	723,756	*	723,756
4200 FARM AS BUSINESS	9	0.0	916,364	916,364	*	916,364
4300 SOC POLIT ORGANIZ	22	0.0	1,994,958	1,994,958	*	1,598,421
4400 AGRIC ECONOMY U S	11	0.0	1,655,865	1,655,865	*	1,655,865
4500 AGRIC ECONOMY FORGN	8	0.0	1,452,084	1,452,084	*	1,452,084
4600 FARM COOPERATIVES	2	0.0	61,748	61,748	*	61,748
4700 OTH MARKET PROCESS	1	0.0	32,101	32,101	*	32,101
4800 MARKETING SYSTEMS	5	0.0	250,392	250,392	*	250,392
6100 WEEDS	12	0.0	757,638	757,638	*	757,638
6300 BIO CELL SYSTEMS	4	0.0	262,434	262,434	*	262,434
6400 EXP DESIGN/STAT METHOD	1	0.0	5,638	5,638	*	0
6500 INVERTEBRATES	10	0.0	281,690	281,690	*	281,690
6600 MICRORGANISMS VIRUSES	17	0.0	1,050,133	1,050,133	*	1,032,430
6700 PLANTS	61	0.0	8,393,307	8,393,307	*	8,011,127
6800 ANIMALS(VERTEBRATES)	28	0.0	1,340,987	1,340,987	*	1,245,422
6900 RESEARCH ON RSCH MGMT	15	0.0	3,927,333	3,927,333	*	3,893,480
7000 RSCH EQUIP & TECHNOLOGY	7	0.0	2,288,236	2,288,236	*	2,288,236
TOTAL		0.0	99,358,453	99,358,453	*	86,036,258

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- CSRS SPECIAL GRANTS CSRS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRD (GRDSS) 1993	TOTAL FUNDS (GRDSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	6	0.0	560,348	560,348	*	388,258
102 SOIL PLNT WTR NUTRI	53	0.0	3,868,551	3,868,551	*	3,504,187
104 ALTERN USE OF LAND	4	0.0	186,854	186,854	*	186,854
105 CONSERV USE OF WATER	10	0.0	879,734	879,734	*	440,088
106 DRAIN AND IRRIGATION	8	0.0	687,848	687,848	*	845,848
107 WATERSHED PROT & MGMT	16	0.0	1,618,130	1,618,130	*	1,103,888
108 ECON LEG PROB OF WAT	3	0.0	194,281	194,281	*	194,281
109 WEATHER ADAPT & MOD	3	0.0	413,997	413,997	*	17,303
110 APPRAIS FORST & RANGS	3	0.0	102,822	102,822	*	88,308
111 BIOL CULT MGMT FORSTS	3	0.0	143,424	143,424	*	143,424
112 IMPROV RANGE RESOR	5	0.0	298,401	298,401	*	238,502
113 REMOTE SENSING	4	0.0	586,124	586,124	*	395,034
114 RSCH ON MGMT OF RSCH	15	0.0	3,927,333	3,927,333	*	3,893,480
SUBTOTAL		0.0	13,267,847	13,267,847	*	11,220,022
SERIES 200						
202 CONTROL FOREST OIS	4	0.0	92,132	92,132	*	92,132
204 CNTR PESTS FRT & VEGS	53	0.0	2,341,497	2,341,497	*	2,341,497
205 CNTR DISE FRT & VEG	61	0.0	3,475,170	3,475,170	*	3,475,170
206 CNTR WEEDS FRT & VEG	22	0.0	865,906	865,906	*	865,606
207 CNTR PESTS FLD CROPS	44	0.0	2,163,194	2,163,194	*	2,163,194
208 CNTR DIS FIELD CROPS	32	0.0	1,456,332	1,456,332	*	1,328,332
209 CNTR WEEDS FLD CROPS	31	0.0	2,020,744	2,020,744	*	1,825,309
210 CONTR PESTS ANIMALS	9	0.0	353,408	353,408	*	353,408
211 CONTR DIS ANIMALS	9	0.0	853,588	853,588	*	853,588
212 CNTR INTER PARASITES	2	0.0	261,352	261,352	*	261,352
213 PROT ANMLS FROM TOXINS	4	0.0	220,591	220,591	*	220,591
214 PROTECT FROM POLLUTION	15	0.0	3,257,217	3,257,217	*	3,181,872
SUBTOTAL		0.0	17,181,127	17,181,127	*	16,740,147
SERIES 300						
302 IMP FOREST ENG SYS	2	0.0	314,110	314,110	*	314,110
303 ECON TIMBER PRODUCTN	1	0.0	88,748	88,748	*	88,748
304 IMP BIO EFF FRT & VEGS	35	0.0	2,182,298	2,182,298	*	2,182,288
305 MECH PROD FRT & VEGS	1	0.0	17,467	17,467	*	17,467
306 PROD MGMT SYS F & V	16	0.0	1,156,134	1,156,134	*	1,156,134
307 IMP BIO EFF FLO CRP	30	0.0	2,698,529	2,698,529	*	2,212,309
308 MECH PROD FIELD CROPS	2	0.0	80,071	80,071	*	80,071
309 PROD MGMT SYS FLD CRP	25	0.0	1,187,448	1,187,448	*	1,128,438
310 ANIMAL REPRODUCTION	6	0.0	466,678	466,678	*	466,678
311 IMP BIO EFF ANML PR	26	0.0	2,174,923	2,174,923	*	2,164,923
312 ENV STRESS IN ANML PR	8	0.0	428,204	428,204	*	428,204
313 PROD MGMT SYS ANML PR	14	0.0	1,202,080	1,202,080	*	1,202,080
315 IMP STRUC FARM SUPP	1	0.0	138,347	138,347	*	0
316 FARM BUSINESS MGMT	5	0.0	329,985	329,985	*	329,985
318 NON COM BIO TECH/BIMET	12	0.0	3,502,775	3,502,775	*	3,502,775
SUBTOTAL		0.0	15,944,794	15,944,794	*	15,253,217
SERIES 400						
401 NEW IMP FOREST PROD	13	0.0	3,244,908	3,244,908	*	3,244,608
402 PROD F & V IMP ACCEPT	14	0.0	731,483	731,483	*	618,483
403 NEW & IMP F & V PROD	7	0.0	1,307,574	1,307,574	*	402,294
404 MKT QUAL FRTS & VEGS	8	0.0	479,892	479,892	*	478,882
405 PROD FLD CROP IMP ACPT	17	0.0	1,252,440	1,252,440	*	1,252,440
406 NEW IMP FOOD FLD CROP	6	0.0	1,433,428	1,433,428	*	1,368,022
407 NEW IMP NON FOOD FC	45	0.0	5,311,162	5,311,162	*	3,245,578
408 MKT QUAL FIELD CROPS	2	0.0	2,147	2,147	*	2,147
409 PROD ANML PR IMP ACCP	11	0.0	1,057,677	1,057,677	*	1,057,677
410 IMP MEAT MILK EGG PR	8	0.0	1,092,678	1,092,678	*	1,092,678
411 IMP NON FOOD ANML PR	2	0.0	58,650	58,650	*	58,650
412 MKT QUAL ANIMAL PROD	1	0.0	330,457	330,457	*	330,457
SUBTOTAL		0.0	18,300,275	18,300,275	*	13,179,003
SERIES 500						
501 IMP GRADES & STANDS	5	0.0	241,989	241,989	*	241,888
502 MKTG TIMBER PRODUCTS	2	0.0	131,478	131,478	*	131,478
503 MKTG EFF AGRI PRODS	4	0.0	266,957	266,957	*	266,957
506 SPLY DEMAND AND PRIC	8	0.0	1,033,758	1,033,758	*	1,033,758
507 COMP REL IN AGRIC	4	0.0	277,678	277,678	*	277,678
508 DOMESTIC MKT DEVELP	7	0.0	1,279,223	1,279,223	*	225,183
509 PERFORMANCE MKTG SYS	8	0.0	532,944	532,944	*	532,944
510 GROUP ACT MKT POWER	2	0.0	98,854	98,854	*	98,854
511 IMP AGRIC STATISTICS	3	0.0	86,579	86,579	*	80,941
SUBTOTAL		0.0	3,949,460	3,949,460	*	2,888,782
SERIES 600						
601 FGN MKT DEVELP	18	0.0	2,798,000	2,798,000	*	2,788,000
604 PRD DVLPMT/MKTG FRGN	8	0.0	1,592,643	1,592,643	*	339,953
SUBTOTAL		0.0	4,390,644	4,390,644	*	3,137,953
SERIES 700						
701 TOX RES IN FOOD	40	0.0	5,057,473	5,057,473	*	5,057,473
702 FOOD PROT FROM TOX	12	0.0	1,944,038	1,944,038	*	1,944,038
703 FOOD CONSUMP HABITS	4	0.0	185,022	185,022	*	185,022
706 CONTR INSECTS AFF MAN	4	0.0	26,117	26,117	*	26,117
708 HUMAN NUTRITION	7	0.0	1,862,417	1,862,417	*	1,862,417
709 REDUCE HAZ HLTH & SFTY	4	0.0	217,577	217,577	*	217,577
SUBTOTAL		0.0	9,292,843	9,292,843	*	9,292,843
SERIES 800						
801 RURAL HOUSING	1	0.0	22,880	22,880	*	22,880
802 INDIV & FAM DEC MAKING	1	0.0	9,442	9,442	*	9,442
803 RURAL POVERTY	3	0.0	111,541	111,541	*	111,541
804 ECON POTENT RURL PEO	9	0.0	505,826	505,826	*	505,826
805 COMMUNICAT EDUC PROC	9	0.0	414,343	414,343	*	175,481
806 ADJUSTMENT TO CHANGE	1	0.0	9,442	9,442	*	9,442
807 AGRIC ECONOMIC CHANGE	7	0.0	848,515	848,515	*	848,515
808 GOVT PROGRAMS	11	0.0	1,025,399	1,025,399	*	1,025,389
SUBTOTAL		0.0	2,747,188	2,747,188	*	2,508,304
SERIES 900						
901 ALLEV POLLUTION	58	0.0	9,420,482	9,420,482	*	7,455,755
902 OUTDOOR RECREATION	3	0.0	157,980	157,980	*	157,880
903 MULTI USE FOREST POTEN	1	0.0	89,748	89,748	*	88,748
904 WILDLFE AND FISH ECOL	14	0.0	4,735,734	4,735,734	*	2,388,824
905 TREES BEAUTIFICATION	1	0.0	9,079	9,079	*	8,078
906 ORNAMENT & TURF DEV	10	0.0	717,884	717,884	*	717,884
907 RURAL INCOME IMP	7	0.0	518,427	518,427	*	518,427
908 RURAL INSTITUT IMP	12	0.0	654,587	654,587	*	488,812
SUBTOTAL		0.0	16,304,887	16,304,887	*	11,815,188
SCIENCE IN SERV OF MAN GRAND TOTAL		0.0	99,358,453	88,358,453	*	88,038,258

TABLE II-8 SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NRI COMPETITIVE GRANTS PROGRAM NRICGP

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	18	0.0	1,943,635	1,943,935	*	1,575,483
0200 WATER	14	0.0	1,091,785	1,081,785	*	407,585
0300 WATERSHEDS RIVER BAS	3	0.0	801,841	801,841	*	78,841
0400 AIR AND CLIMATE	1	0.0	50,000	50,000	*	*
0600 TIMBER FORST PRODUCT	65	0.0	8,653,488	8,653,488	*	3,697,870
0700 RANGE	4	0.0	549,000	549,000	*	254,000
0800 WILDLIFE AND FISH	32	0.0	2,883,855	2,883,855	*	1,928,888
0900 CITRUS SUB TROP FRUT	4	0.0	250,434	250,434	*	250,434
1000 FRUIT NUTS DECIDUOUS	9	0.0	814,558	814,558	*	711,134
1100 POTATOES	10	0.0	837,215	837,215	*	837,215
1200 VEGETABLES	51	0.0	4,941,404	4,941,404	*	4,127,938
1300 ORNAMENTALS TURF	2	0.0	50,480	50,480	*	50,480
1400 CORN	36	0.0	3,661,669	3,961,666	*	2,053,988
1500 GRAIN SORGHUM	6	0.0	502,513	502,513	*	152,213
1600 RICE	9	0.0	804,918	804,918	*	906,740
1700 WHEAT	27	0.0	2,144,505	2,144,505	*	1,881,008
1800 OTHER SMALL GRAINS	15	0.0	1,352,794	1,352,794	*	982,921
2000 FORAGE CROPS	12	0.0	852,748	852,748	*	395,500
2100 COTTON	10	0.0	797,120	797,120	*	484,217
2300 SOYBEANS	25	0.0	1,722,795	1,722,795	*	791,295
2400 PEANUTS	4	0.0	412,000	412,000	*	412,000
2500 OTHER OILSEED CROPS	4	0.0	418,000	418,000	*	127,000
2600 TOBACCO	16	0.0	1,286,348	1,288,348	*	583,250
2700 SUGAR CROPS	2	0.0	295,000	295,000	*	120,000
2800 MISC NEW CROPS	2	0.0	216,000	218,000	*	150,000
2900 POULTRY	24	0.0	3,841,537	3,841,537	*	2,048,810
3000 BEEF CATTLE	49	0.0	5,802,712	5,802,712	*	4,081,837
3100 DAIRY CATTLE	48	0.0	5,800,401	5,800,401	*	4,085,328
3200 SWINE	31	0.0	4,538,804	4,538,804	*	2,581,388
3300 SHEEP AND WOOL	10	0.0	978,185	978,185	*	588,372
3400 OTHER ANIMALS	21	0.0	2,816,320	2,816,320	*	1,040,480
3500 BEES AND HONEY	4	0.0	283,811	283,811	*	43,000
3800 FOOD	7	0.0	930,017	930,017	*	930,017
3900 HOUSING & EQUIP	1	0.0	85,000	85,000	*	*
4000 PEOPLE AS INDIVIDUALS	15	0.0	2,034,321	2,034,321	*	1,388,833
4100 FAMILY MEMBERS	4	0.0	304,133	304,133	*	304,132
4300 SOC POLIT ORGANIZ	11	0.0	1,354,378	1,354,378	*	786,023
4400 AGRIC ECONOMY U S	3	0.0	227,831	227,831	*	144,527
4500 AGRIC ECONOMY FORGN	3	0.0	121,724	121,724	*	86,108
6100 WEEDS	2	0.0	157,338	157,338	*	157,338
6300 BIO CELL SYSTEMS	2	0.0	158,000	158,000	*	*
6500 INVERTEBRATES	65	0.0	5,497,454	5,497,454	*	3,365,853
6900 MICROORGANISMS VIRUSES	112	0.0	10,682,835	10,682,835	*	5,882,892
8700 PLANTS	106	0.0	10,488,448	10,488,448	*	4,721,450
8800 ANIMALS(VERTEBRATES)	8	0.0	804,483	804,483	*	384,483
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	13,140	13,140	*	13,140
TOTAL		0.0	90,591,944	90,591,944	*	55,317,403

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NRI COMPETITIVE GRANTS PROGRAM NRICGP

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GRDSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	1	0.0	2,628	2,628	*	2,628
102 SOIL PLNT WTR NUTRI	35	0.0	3,716,218	3,716,218	*	2,020,648
105 CONSERV USE OF WATER	2	0.0	98,939	98,939	*	49,949
107 WATERSHED PROT & MGMT	4	0.0	154,285	154,285	*	154,285
109 WEATHER ADAPT & MOD	1	0.0	295,016	295,016	*	295,016
110 APPRAIS FORST & RANGS	2	0.0	220,000	220,000	*	120,000
111 BIOL CULT MGMT FORSTS	16	0.0	1,807,400	1,807,400	*	979,280
112 IMPROV RANGE RESOR	1	0.0	160,000	160,000	*	*
SUBTOTAL		0.0	6,254,486	6,254,486	*	3,621,786
SERIES 200						
201 CNTRL FORST INSECTS	8	0.0	715,619	715,619	*	395,000
202 CONTROL FOREST DIS	4	0.0	535,000	535,000	*	535,000
204 CNTR PESTS FRT & VEGS	20	0.0	1,577,774	1,577,774	*	913,374
205 CNTR DISE FRT & VEG	16	0.0	1,506,283	1,506,283	*	1,316,283
206 CNTR WEEDS FRT & VEG	3	0.0	288,422	288,422	*	170,000
207 CNTR PESTS FLO CROPS	32	0.0	2,397,898	2,397,898	*	1,635,454
208 CNTR DIS FIELD CROPS	34	0.0	2,775,987	2,775,987	*	1,984,993
209 CNTR WEEDS FLO CROPS	9	0.0	571,868	571,868	*	571,868
211 CONTR DIS ANIMALS	54	0.0	8,417,402	8,417,402	*	5,542,182
212 CNTR INTER PARASITES	8	0.0	909,868	909,868	*	519,868
213 PROT ANMLS FROM TOXINS	4	0.0	428,527	428,527	*	250,000
214 PROTECT FROM POLLUTION	9	0.0	1,008,240	1,008,240	*	405,840
SUBTOTAL		0.0	21,132,486	21,132,486	*	14,219,280
SERIES 300						
301 GENET BREED FORST TRE	4	0.0	567,000	567,000	*	367,000
304 IMP BIO EFF FRT & VEGS	33	0.0	3,777,415	3,777,415	*	3,017,867
305 MECH PROD FRT & VEGS	1	0.0	110,981	110,981	*	110,981
307 IMP BIO EFF FLO CRP	74	0.0	8,558,810	8,558,810	*	4,743,531
310 ANIMAL REPRODUCTION	29	0.0	4,919,894	4,919,894	*	3,853,784
311 IMP BIO EFF ANML PR	52	0.0	7,759,229	7,759,229	*	3,754,078
312 ENV STRESS IN ANML PR	3	0.0	481,000	481,000	*	266,000
313 PROD MGMT SYS ANML PR	2	0.0	124,396	124,396	*	*
314 BEES OTH POLLNTNG INS	4	0.0	283,911	283,911	*	43,000
318 NON COM BIO TECH/BIMET	171	0.0	16,347,393	16,347,393	*	7,676,823
SUBTOTAL		0.0	42,929,629	42,929,629	*	23,832,874
SERIES 400						
401 NEW IMP FOREST PROD	29	0.0	2,345,598	2,345,598	*	1,183,204
402 PROD F & V IMP ACCEPT	1	0.0	2,818	2,818	*	2,818
403 NEW & IMP F & V PROD	4	0.0	284,940	284,940	*	284,940
404 MKT QUAL FRTS & VEGS	2	0.0	170,000	170,000	*	170,000
405 PROD FLO CROP IMP ACPT	5	0.0	336,422	336,422	*	336,422
406 NEW IMP FOOD FLO CROP	10	0.0	782,440	782,440	*	732,440
407 NEW IMP NON FOOD FC	14	0.0	1,382,000	1,382,000	*	795,500
408 MKT QUAL FIELD CROPS	1	0.0	155,000	155,000	*	155,000
410 IMP MEAT MILK EGG PR	6	0.0	421,120	421,120	*	421,120
411 IMP NON FOOD ANML PR	4	0.0	517,742	517,742	*	517,742
SUBTOTAL		0.0	6,398,080	6,398,080	*	4,609,186
SERIES 500						
502 MKTG TIMBER PRODUCTS	1	0.0	75,000	75,000	*	75,000
503 MKTG EFF AGRI PRODS	1	0.0	53,252	53,252	*	53,252
506 SPLY DEMAND AND PRIC	1	0.0	19,532	19,532	*	19,532
512 IMP GRADES FRST PROD	1	0.0	120,000	120,000	*	*
SUBTOTAL		0.0	267,784	267,784	*	147,784
SERIES 600						
601 FGN MKT DEVELP	16	0.0	1,349,062	1,349,062	*	1,313,446
SUBTOTAL		0.0	1,349,062	1,349,062	*	1,313,446
SERIES 700						
702 FOOD PROT FROM TOX	19	0.0	2,379,319	2,379,319	*	1,642,876
703 FOOD CONSUMP HABITS	1	0.0	41,081	41,081	*	41,081
708 HUMAN NUTRITION	28	0.0	3,664,129	3,664,129	*	2,295,492
SUBTOTAL		0.0	6,084,529	6,084,529	*	3,979,449
SERIES 800						
801 RURAL HOUSING	1	0.0	49,770	49,770	*	*
802 INDIV & FAM DEC MAKING	2	0.0	147,202	147,202	*	147,201
803 RURAL POVERTY	2	0.0	74,948	74,948	*	74,947
804 ECON POTENT RURL PEO	3	0.0	278,183	278,183	*	242,535
806 ADJUSTMENT TO CHANGE	1	0.0	63,148	63,148	*	63,148
807 AGRIC ECONOMIC CHANGE	3	0.0	271,247	271,247	*	188,143
808 GOVT PROGRAMS	1	0.0	49,865	49,865	*	*
SUBTOTAL		0.0	934,362	934,362	*	715,975
SERIES 900						
901 ALLEV POLLUTION	30	0.0	3,567,414	3,567,414	*	2,041,634
903 MULTI USE FOREST POTEN	1	0.0	24,980	24,980	*	*
904 WLDLFE AND FISH ECOL	5	0.0	467,420	467,420	*	175,000
906 ORNAMENT & TURF DEV	1	0.0	1,080	1,080	*	1,080
907 RURAL INCOME IMP	3	0.0	317,098	317,098	*	215,667
908 RURAL INSTITUT IMP	4	0.0	863,534	863,534	*	444,261
SUBTOTAL		0.0	5,241,526	5,241,526	*	2,877,642
SCIENCE IN SERV OF MAN GRAND TOTAL		0.0	90,591,944	90,591,944	*	55,317,403

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ECONOMIC RESEARCH SERVICE ERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	10	25.5	5,773,290	5,773,290	*	*
0200 WATER	7	15.6	3,825,840	3,925,840	*	*
0400 AIR AND CLIMATE	1	0.8	83,400	83,400	*	*
0800 WILDLIFE AND FISH	2	3.2	685,820	708,030	*	*
0900 CITRUS SUB TROP FRUT	1	1.4	171,240	171,240	*	*
1000 FRUIT NUTS DECIDUOUS	1	1.4	171,240	171,240	*	*
1100 POTATOES	1	3.3	412,000	412,000	*	*
1200 VEGETABLES	2	1.9	288,450	288,450	*	*
1300 ORNAMENTALS TURF	1	0.7	85,920	85,920	*	*
1400 CORN	5	5.7	812,420	835,745	*	*
1500 GRAIN SORGHUM	3	2.3	310,520	328,070	*	*
1600 RICE	5	2.7	343,700	358,250	*	*
1700 WHEAT	5	5.1	625,900	984,775	*	*
1800 OTHER SMALL GRAINS	3	1.4	199,280	211,810	*	*
1900 PASTURE	1	0.3	58,900	58,900	*	*
2000 FORAGE CROPS	2	1.0	124,400	138,950	*	*
2100 COTTON	6	9.7	952,700	998,250	*	*
2200 COTTONSEED	2	1.1	137,900	137,900	*	*
2300 SOYBEANS	6	5.2	723,100	738,950	*	*
2400 PEANUTS	2	1.2	154,400	154,400	*	*
2500 OTHER OILSEED CROPS	4	2.1	310,100	310,100	*	*
2900 TOBACCO	1	3.2	493,000	463,000	*	*
2700 SUGAR CROPS	2	4.7	972,900	672,900	*	*
2800 MISC NEW CROPS	1	3.0	802,880	881,270	*	*
2900 POULTRY	3	4.0	594,300	594,300	*	*
3000 BEEF CATTLE	4	9.8	1,103,300	1,103,300	*	*
3100 DAIRY CATTLE	4	7.1	1,028,300	1,038,800	*	*
3200 SWINE	2	4.7	956,800	959,900	*	*
3300 SHEEP AND WOOL	2	1.9	210,500	210,500	*	*
3500 BEES AND HONEY	1	0.9	75,400	75,400	*	*
3800 FARM SUPP & FACILITS	1	0.5	79,390	79,390	*	*
3900 FOOD	7	20.0	3,088,850	3,089,850	*	*
4000 PEOPLE AS INDIVIDUALS	4	5.2	970,255	1,000,255	*	*
4100 FAMILY MEMBERS	1	1.5	282,000	282,000	*	*
4200 FARM AS BUSINESS	2	1.8	551,000	551,000	*	*
4300 SOC POLIT ORGANIZ	7	20.8	3,330,854	3,381,781	*	*
4400 AGRIC ECONOMY U S	20	58.5	8,428,500	8,478,282	*	*
4500 AGRIC ECONOMY FORGN	24	79.2	12,924,450	12,924,450	*	*
4800 MARKETING SYSTEMS	4	15.9	3,813,900	3,813,900	*	*
6200 SEED RESEARCH	1	0.9	84,080	84,080	*	*
6400 EXP DESIGN/STAT METHOD	7	6.1	950,900	950,900	*	*
6700 PLANTS	2	7.0	1,214,000	1,214,000	*	*
6900 RESEARCH ON RSCH MGMT	1	2.4	350,000	350,000	*	*
TOTAL		341.0	58,922,408	58,038,698	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- ECONOMIC RESEARCH SERVICE ERS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
102 SOIL PLNT WTR NUTRI	2	4.1	2,778,900	2,778,900	*	*
104 ALTERN USE OF LAND	7	24.8	4,810,000	4,810,000	*	*
105 CONSERV USE OF WATER	2	2.8	384,750	384,750	*	*
108 ECON LEG PROB OF WAT	1	2.7	393,750	393,750	*	*
109 WEATHER ADAPT & MOD	2	8.3	810,400	810,400	*	*
114 RSCH ON MGMT OF RSCH	1	2.4	350,000	350,000	*	*
SUBTOTAL		42.9	9,908,800	9,908,800	*	*
SERIES 300						
314 BEES OTH POLLNTNG INS	1	0.9	75,400	75,400	*	*
316 FARM BUSINESS MGMT	2	1.1	315,200	315,200	*	*
SUBTOTAL		1.7	390,900	390,900	*	*
SERIES 500						
503 MKTG EFF AGRI PRODS	7	10.3	1,703,390	1,763,890	*	*
506 SPLY DEMAND AND PRIC	25	80.4	8,088,590	8,172,540	*	*
507 COMP REL IN AGRIC	3	5.4	849,250	854,500	*	*
509 PERFORMANCE MKTG SYS	9	28.8	3,882,850	4,089,950	*	*
511 IMP AGRIC STATISTICS	7	9.1	950,900	950,900	*	*
SUBTOTAL		109.2	18,551,980	18,838,580	*	*
SERIES 600						
601 FGN MKT DEVELP	27	84.9	14,020,700	14,020,700	*	*
602 EVAL FGN FOOD AID PGM	3	3.1	507,800	507,800	*	*
604 PRO DVLPMT/MKTG FRGN	1	0.8	133,250	133,250	*	*
SUBTOTAL		88.8	14,891,750	14,891,750	*	*
SERIES 700						
701 TOX RES IN FOOD	4	8.7	1,214,400	1,214,400	*	*
702 FOOD PROT FROM TOX	2	1.8	292,800	292,800	*	*
703 FOOD CONSUMP HABITS	5	8.1	1,348,100	1,348,100	*	*
707 TRANS ANIML MAN DIS	1	0.5	117,200	117,200	*	*
708 HUMAN NUTRITION	1	2.4	348,000	348,000	*	*
SUBTOTAL		20.3	3,321,300	3,321,300	*	*
SERIES 800						
802 INDIV & FAM DEC MAKING	1	0.8	131,000	131,000	*	*
804 ECON POTENT RURL PEO	3	8.9	1,720,508	1,780,508	*	*
808 ADJUSTMENT TO CHANGE	1	1.5	292,000	292,000	*	*
807 AGRIC ECONOMIC CHANGE	13	30.0	8,324,900	8,348,991	*	*
808 GOVT PROGRAMS	8	18.1	2,900,350	2,924,741	*	*
SUBTOTAL		58.2	11,038,458	11,147,241	*	*
SERIES 900						
901 ALLEV POLLUTION	2	3.2	497,100	497,100	*	*
904 WLDLFE AND FISH ECOL	1	1.8	233,500	233,500	*	*
908 ORNAMENT & TURF DEV	1	0.7	85,920	85,620	*	*
907 RURAL INCOME IMP	2	4.8	702,400	702,400	*	*
908 RURAL INSTITUT IMP	4	8.5	1,580,900	1,581,807	*	*
SUBTOTAL		18.8	3,048,820	3,070,427	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		341.0	58,922,408	59,038,898	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	40	44.6	11,758,215	12,337,023	*	*
0200 WATER	23	20.1	4,722,664	5,131,027	*	*
0300 WATERSHEDS RIVER BAS	32	33.8	9,721,105	10,407,583	*	*
0400 AIR AND CLIMATE	8	8.1	1,998,262	2,072,888	*	*
0500 RECREATION RESOURCES	21	32.1	5,388,232	5,923,219	*	*
0800 TIMBER FORST PRODUCT	434	536.3	124,839,519	136,492,350	*	*
0700 RANGE	26	20.4	4,297,528	4,854,878	*	*
0800 WILDLIFE AND FISH	59	53.5	13,244,583	14,448,347	*	*
3900 HOUSING & EQUIP	2	1.8	202,238	207,807	*	*
4000 PEOPLE AS INDIVIDUALS	5	2.1	575,381	649,081	*	*
4100 FAMILY MEMBERS	2	1.7	468,582	468,582	*	*
4300 SOC POLIT ORGANIZ	3	2.3	395,279	424,202	*	*
8100 WEEDS	1	0.5	34,798	34,799	*	*
8200 SEED RESEARCH	1	0.7	183,005	185,415	*	*
8300 BIO CELL SYSTEMS	1	0.4	111,304	111,304	*	*
8400 EXP DESIGN/STAT METHOD	2	3.0	388,182	388,192	*	*
8500 INVERTEBRATES	9	8.9	1,858,318	1,888,748	*	*
8800 MICROORGANISMS VIRUSES	5	2.2	400,272	457,558	*	*
8700 PLANTS	3	2.9	481,132	593,832	*	*
8900 RESEARCH ON RSCH MGMT	1	0.8	201,987	201,987	*	*
7000 RSCH EQUIP & TECHNOLOGY	7	4.9	1,200,281	1,237,141	*	*
TOTAL		780.7	182,044,837	188,271,840	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- U S FOREST SERVICE FS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
102 SOIL PLNT WTR NUTRI	42	33.2	7,982,388	8,292,118	*	*
104 ALTERN USE OF LAND	2	1.0	1,718,834	1,718,834	*	*
105 CONSERV USE OF WATER	1	0.8	117,500	122,500	*	*
107 WATERSHED PROT & MGMT	48	58.4	14,320,812	15,498,828	*	*
109 WEATHER ADAPT & MOD	14	9.2	3,835,788	3,871,988	*	*
110 APPRAIS FORST & RANGS	33	58.8	20,410,473	24,288,704	*	*
111 BIOL CULT MGMT FORSTS	143	159.5	29,485,325	32,228,388	*	*
112 IMPROV RANGE RESOR	10	9.4	1,829,808	1,872,234	*	*
113 REMOTE SENSING	9	11.0	2,878,002	2,880,725	*	*
114 RSCH ON MGMT OF RSCH	1	0.8	201,987	201,887	*	*
SUBTOTAL		339.9	82,578,898	91,071,105	*	*
SERIES 200						
201 CNTRL FORST INSECTS	81	70.0	14,748,723	15,711,587	*	*
202 CONTROL FOREST DIS	48	34.4	7,305,837	7,551,428	*	*
203 FOREST FIRE PROTECT	23	29.9	5,574,118	8,388,823	*	*
208 CNTR WEEDS FLO CROPS	2	1.1	102,097	124,887	*	*
214 PROTECT FROM POLLUTION	7	19.5	8,184,584	8,527,518	*	*
SUBTOTAL		154.9	35,915,338	38,281,761	*	*
SERIES 300						
301 GENET BREED FORST TRE	20	18.2	4,455,823	4,620,827	*	*
302 IMP FOREST ENG SYS	12	14.3	2,857,900	2,947,550	*	*
303 ECON TIMBER PRODUCTN	14	17.4	2,744,789	3,348,438	*	*
318 NON COM BIO TECH/BIMET	4	4.7	1,078,822	1,138,498	*	*
SUBTOTAL		52.8	11,135,214	12,054,109	*	*
SERIES 400						
401 NEW IMP FOREST PROD	74	75.8	19,105,204	20,558,128	*	*
SUBTOTAL		75.8	19,105,204	20,558,128	*	*
SERIES 500						
502 MKTG TIMBER PRODUCTS	8	10.5	2,218,010	2,455,877	*	*
508 PERFORMANCE MKTG SYS	1	0.1	8,832	8,832	*	*
511 IMP AGRIC STATISTICS	2	3.0	388,182	388,192	*	*
512 IMP GRADES FRST PROD	3	4.0	772,813	848,280	*	*
513 PRICE ANAL FRST PROD	8	8.8	1,293,488	1,308,134	*	*
SUBTOTAL		26.2	4,857,215	4,982,895	*	*
SERIES 600						
603 TECH AID DEV CRTY	8	3.7	1,122,710	1,474,278	*	*
SUBTOTAL		3.7	1,122,710	1,474,278	*	*
SERIES 700						
708 CONTR INSECTS AFF MAN	3	4.9	778,000	778,000	*	*
709 REDUCE HAZ HLTH & SFTY	5	2.1	575,381	649,081	*	*
SUBTOTAL		7.0	1,353,381	1,427,081	*	*
SERIES 800						
801 RURAL HOUSING	2	1.7	468,582	468,582	*	*
SUBTOTAL		1.7	468,582	468,582	*	*
SERIES 900						
901 ALLEV POLLUTION	18	18.4	3,470,028	3,842,378	*	*
902 OUTDOOR RECREATION	18	24.2	4,307,858	4,414,490	*	*
903 MULTI USE FOREST POTEN	22	23.1	4,373,352	4,872,807	*	*
904 WLDLFE AND FISH ECOL	50	50.4	12,885,597	13,851,528	*	*
905 TREES BEAUTIFICATION	4	2.8	498,200	548,200	*	*
907 RURAL INCOME IMP	3	2.3	395,279	424,202	*	*
SUBTOTAL		119.0	25,710,314	27,953,702	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		780.7	182,044,837	188,271,840	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SMALL BUSINESS INNOVATION RESEARCH GRANTS SBIR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	4	0.0	259,294	288,294	*	*
0200 WATER	3	0.0	149,932	149,932	*	*
0400 AIR AND CLIMATE	1	0.0	49,734	49,734	*	*
0600 TIMBER FORST PRODUCT	7	0.0	474,159	474,159	*	*
0800 WILDLIFE AND FISH	10	0.0	812,991	812,991	*	*
1000 FRUIT NUTS DECIDUOUS	2	0.0	99,900	99,500	*	*
1100 POTATOES	1	0.0	225,000	225,000	*	*
1200 VEGETABLES	2	0.0	75,000	75,000	*	*
1300 ORNAMENTALS TURF	1	0.0	50,000	50,000	*	*
1400 CORN	2	0.0	288,978	288,978	*	*
1700 WHEAT	1	0.0	25,000	25,000	*	*
2000 FORAGE CROPS	1	0.0	34,921	34,921	*	*
2500 OTHER OILSEED CROPS	2	0.0	99,855	99,855	*	*
2700 SUGAR CROPS	1	0.0	25,000	25,000	*	*
2800 MISC NEW CROPS	2	0.0	138,200	138,200	*	*
2900 POULTRY	4	0.0	508,950	508,950	*	*
3100 DAIRY CATTLE	4	0.0	388,527	388,527	*	*
3200 SWINE	1	0.0	49,520	49,520	*	*
3300 SHEEP AND WOOL	1	0.0	90,000	90,000	*	*
3800 FOOD	8	0.0	823,375	823,375	*	*
4000 PEOPLE AS INDIVIDUALS	4	0.0	137,370	137,370	*	*
4100 FAMILY MEMBERS	1	0.0	230,000	230,000	*	*
4300 SOC POLIT ORGANIZ	5	0.0	559,988	559,988	*	*
8500 INVERTEBRATES	3	0.0	114,204	114,204	*	*
5800 MICROORGANISMS VIRUSES	3	0.0	255,000	255,000	*	*
6700 PLANTS	7	0.0	698,998	698,998	*	*
9800 ANIMALS(VERTEBRATES)	1	0.0	10,000	10,000	*	*
7000 RSCH EQUIP & TECHNOLOGY	3	0.0	454,981	454,981	*	*
TOTAL		0.0	8,927,354	8,927,354	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- SMALL BUSINESS INNOVATION RESEARCH GRANTS SBIR

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
102 SOIL PLNT WTR NUTRI	3	0.0	238,294	238,294	*	*
105 CONSERV USE OF WATER	1	0.0	50,000	50,000	*	*
106 DRAIN AND IRRIGATION	2	0.0	99,932	99,932	*	*
113 REMOTE SENSING	3	0.0	314,981	314,981	*	*
SUBTOTAL		0.0	701,207	701,207	*	*
SERIES 200						
201 CNTRL FORST INSECTS	1	0.0	5,000	5,000	*	*
202 CONTROL FOREST DIS	1	0.0	220,000	220,000	*	*
204 CNTR PESTS FRT & VEGS	5	0.0	199,802	199,802	*	*
207 CNTR PESTS FLD CROPS	5	0.0	199,802	199,802	*	*
208 CNTR DIS FIELD CROPS	1	0.0	220,000	220,000	*	*
209 CNTR WEEDS FLD CROPS	1	0.0	25,000	25,000	*	*
211 CONTR DIS ANIMALS	3	0.0	149,520	149,820	*	*
213 PROT ANMLS FROM TOXINS	1	0.0	10,000	10,000	*	*
214 PROTECT FROM POLLUTION	1	0.0	200,000	200,000	*	*
SUBTOTAL		0.0	1,229,024	1,229,024	*	*
SERIES 300						
304 IMP BIO EFF FRT & VEGS	2	0.0	75,000	75,000	*	*
305 MECH PROD FRT & VEGS	1	0.0	225,000	225,000	*	*
306 MECH PROD FIELD CROPS	2	0.0	84,921	84,921	*	*
310 ANIMAL REPRODUCTION	6	0.0	742,292	742,292	*	*
311 IMP BIO EFF ANML PR	6	0.0	741,046	741,046	*	*
313 PROD MGMT SYS ANML PR	1	0.0	50,000	50,000	*	*
318 NON COM BIO TECH/BIMET	3	0.0	109,999	109,999	*	*
SUBTOTAL		0.0	2,028,257	2,028,257	*	*
SERIES 400						
401 NEW IMP FOREST PROD	8	0.0	384,159	384,159	*	*
402 PROD F & V IMP ACCEPT	1	0.0	49,800	49,800	*	*
403 NEW & IMP F & V PROD	2	0.0	97,812	97,812	*	*
404 MKT QUAL FRTS & VEGS	2	0.0	275,775	275,775	*	*
409 NEW IMP FOOD FLD CROP	2	0.0	99,443	99,443	*	*
407 NEW IMP NON FOOD FC	6	0.0	608,200	608,200	*	*
408 MKT QUAL FIELD CROPS	1	0.0	49,978	49,978	*	*
409 PROD ANML PR IMP ACCP	1	0.0	48,288	48,288	*	*
411 IMP NON FOOD ANML PR	1	0.0	48,650	48,650	*	*
SUBTOTAL		0.0	1,841,883	1,841,883	*	*
SERIES 700						
701 TOX RES IN FOOD	2	0.0	99,883	99,583	*	*
702 FOOD PROT FROM TOX	1	0.0	200,000	200,000	*	*
SUBTOTAL		0.0	299,883	299,883	*	*
SERIES 800						
801 RURAL HOUSING	1	0.0	230,000	230,000	*	*
SUBTOTAL		0.0	230,000	230,000	*	*
SERIES 900						
901 ALLEV POLLUTION	1	0.0	49,734	49,734	*	*
906 ORNAMENT & TURF DEV	1	0.0	50,000	50,000	*	*
907 RURAL INCOME IMP	8	0.0	397,370	397,370	*	*
908 RURAL INSTITUT IMP	3	0.0	299,998	299,998	*	*
SUBTOTAL		0.0	797,100	797,100	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		0.0	8,927,354	8,927,354	*	*

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NATIONAL TOTAL SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1273	324.0	9,756,629	87,900,654	*	8,019,125
0200 WATER	925	218.5	6,033,488	58,593,280	*	8,229,047
0300 WATERSHEDS RIVER BAS	228	50.0	1,225,395	14,788,538	*	1,830,780
0400 AIR AND CLIMATE	135	47.0	2,444,981	13,038,442	*	387,413
0500 RECREATION RESOURCES	131	40.4	871,150	9,399,129	*	1,154,409
0600 TIMBER FORST PRODUCT	1430	548.8	17,987,278	141,182,588	*	17,844,589
0700 RANGE	273	89.8	2,107,985	23,820,847	*	1,820,207
0800 WILDLIFE AND FISH	868	317.1	10,578,434	88,541,480	*	8,041,594
0900 CITRUS SUB TROP FRUT	257	104.7	1,611,357	24,851,188	*	1,812,254
1000 FRUIT NUTS DECIDUOUS	821	278.4	8,403,228	74,535,848	*	4,904,877
1100 POTATOES	318	92.1	2,699,982	24,445,301	*	3,921,954
1200 VEGETABLES	1330	435.8	15,870,824	107,852,788	*	8,750,918
1300 ORNAMENTALS TURF	551	202.1	8,585,188	48,489,337	*	1,344,145
1400 CORN	905	186.9	7,511,287	56,583,012	*	4,212,852
1500 GRAIN SORGHUM	233	48.3	1,039,470	13,709,472	*	871,590
1600 RICE	154	53.8	783,334	15,033,643	*	1,120,019
1700 WHEAT	715	186.8	4,335,723	44,801,558	*	4,116,778
1800 OTHER SMALL GRAINS	358	76.2	2,158,393	21,136,516	*	1,402,457
1900 PASTURE	121	20.0	958,955	5,058,326	*	181,293
2000 FORAGE CROPS	674	182.2	7,187,720	44,935,388	*	3,342,556
2100 COTTON	320	102.0	2,351,808	25,634,293	*	1,793,419
2200 COTTONSEED	10	1.8	87,184	483,913	*	3,528
2300 SOYBEANS	798	197.5	7,641,298	49,879,438	*	3,496,355
2400 PEANUTS	155	45.4	1,082,918	12,329,409	*	605,043
2500 OTHER OILSEED CROPS	172	45.3	1,685,355	10,082,095	*	2,100,841
2600 TOBACCO	158	51.2	1,238,871	13,819,814	*	839,845
2700 SUGAR CROPS	119	40.9	1,172,055	9,871,940	*	343,005
2800 MISC NEW CROPS	197	55.3	2,603,424	17,307,201	*	3,803,272
2900 POULTRY	868	242.9	10,171,591	83,831,818	*	3,784,951
3000 BEEF CATTLE	1269	398.4	12,558,078	142,893,053	*	8,114,848
3100 DAIRY CATTLE	1092	308.3	12,381,809	105,498,157	*	5,059,778
3200 SWINE	764	209.8	8,953,213	84,968,001	*	3,859,559
3300 SHEEP AND WOOL	389	100.3	3,563,615	32,461,440	*	1,983,022
3400 OTHER ANIMALS	639	257.4	8,716,024	69,883,846	*	2,715,257
3500 BEES AND HONEY	51	13.9	493,297	3,204,225	*	132,245
3600 FARM SUPP & FACILITS	68	18.8	835,138	4,858,370	*	126,819
3700 CLOTHING & TEXTILES	83	19.2	586,884	3,072,899	*	6,824
3800 FOOD	461	159.7	4,827,411	41,118,925	*	4,383,032
3900 HOUSING & EQUIP	133	38.1	1,093,473	8,035,351	*	390,295
4000 PEOPLE AS INDIVIDUALS	617	188.3	6,358,978	39,805,585	*	1,349,940
4100 FAMILY MEMBERS	248	72.9	1,803,172	15,870,517	*	817,388
4200 FARM AS BUSINESS	187	55.9	2,110,813	9,438,422	*	704,108
4300 SOC POLIT ORGANIZ	388	109.5	3,841,143	22,997,754	*	1,882,338
4400 AGRIC ECONOMY U S	150	54.7	1,333,053	11,140,021	*	2,182,828
4500 AGRIC ECONOMY FORGN	57	19.6	330,128	7,486,599	*	1,241,886
4600 FARM COOPERATIVES	18	4.7	101,433	752,138	*	108,748
4700 OTH MARKET PROCESS	29	4.9	178,280	1,114,987	*	148,775
4800 MARKETING SYSTEMS	77	22.1	897,354	3,887,289	*	312,321
8100 WEEDS	184	41.4	1,435,284	10,004,329	*	781,710
8200 SEED RESEARCH	80	18.9	488,810	3,989,328	*	171,073
8300 BIO CELL SYSTEMS	278	103.0	1,924,320	34,984,198	*	717,037
8400 EXP DESIGN/STAT METHOD	99	37.8	486,911	5,998,004	*	191,495
8500 INVERTEBRATES	528	184.7	4,892,008	41,387,183	*	4,005,192
8600 MICROORGANISMS VIRUSES	617	184.2	5,508,851	44,942,009	*	5,985,234
8700 PLANTS	975	300.1	9,150,889	81,214,018	*	10,144,118
8800 ANIMALS(VERTEBRATES)	580	259.3	3,410,910	71,391,492	*	2,785,859
8900 RESEARCH ON RSCH MGMT	53	18.5	3,524,213	8,038,050	*	718,128
7000 RSCH EQUIP & TECHNOLOGY	153	42.2	837,183	17,909,618	*	2,099,122
9900 UNCLASSIFIED	1	0.0	0	24,571	*	8,408
TOTAL		7479.5	238,112,708	2,024,820,991	*	180,821,294

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	205	57.2	1,904,444	15,781,511	*	1,105,102
102 SOIL PLNT WTR NUTRI	920	261.0	8,883,275	68,274,758	*	5,889,882
103 MGMT OF SALINE SOILS	61	14.2	878,089	3,895,449	*	272,330
104 ALTERN USE OF LAND	159	32.4	1,093,419	7,080,829	*	485,884
105 CONSERV USE OF WATER	321	78.5	1,927,805	21,518,502	*	2,183,242
106 DRAIN AND IRRIGATION	124	35.8	775,228	8,895,359	*	783,830
107 WATERSHED PROT & MGMT	231	59.7	1,550,515	16,355,119	*	2,314,557
108 ECON LEG PROB OF WAT	95	20.5	398,816	3,894,959	*	282,872
109 WEATHER ADAPT & MOD	183	53.0	1,883,898	14,587,203	*	701,587
110 APPRAIS FORST & RANGS	178	54.3	1,444,804	14,480,049	*	1,348,278
111 BIOL CULT MGMT FORSTS	418	189.2	5,028,834	42,079,451	*	5,385,902
112 IMPROV RANGE RESOR	173	50.1	1,258,788	13,792,793	*	788,599
113 REMOTE SENSING	88	29.4	854,100	7,592,371	*	1,048,881
114 RSCH ON MGMT OF RSCH	52	18.4	3,520,275	6,030,889	*	718,128
SUBTOTAL		925.7	30,748,082	244,088,981	*	23,217,551
SERIES 200						
201 CNTRL FORST INSECTS	151	37.2	1,437,343	9,210,572	*	1,830,210
202 CONTROL FOREST DIS	114	36.9	1,895,349	7,824,717	*	829,934
203 FOREST FIRE PROTECT	18	3.4	107,753	731,539	*	138,940
204 CNTR PESTS FRT & VEGS	528	148.2	4,450,748	37,894,528	*	3,498,753
205 CNTR DISE FRT & VEG	734	228.0	5,889,834	57,708,194	*	6,545,193
206 CNTR WEEDS FRT & VEG	174	37.7	1,718,640	9,778,518	*	1,018,789
207 CNTR PESTS FLD CROPS	595	187.7	5,822,155	45,489,203	*	4,512,283
208 CNTR DIS FIELD CROPS	706	225.9	6,040,977	53,704,888	*	4,571,123
209 CNTR WEEDS FLD CROPS	352	114.5	3,908,993	29,783,373	*	2,200,082
210 CONTR PESTS ANIMALS	145	38.8	1,384,841	8,983,534	*	782,454
211 CONTR DIS ANIMALS	1271	580.3	10,772,822	187,245,110	*	8,547,448
212 CNTR INTER PARASITES	118	38.8	1,083,215	9,359,182	*	445,885
213 PROT ANMLS FROM TOXINS	133	75.7	791,808	24,999,857	*	793,818
214 PROTECT FROM POLLUTION	220	72.3	1,925,057	23,744,582	*	2,887,007
SUBTOTAL		1824.2	46,827,331	485,681,863	*	38,381,495
SERIES 300						
301 GENET BREED FORST TRE	119	82.9	1,935,128	14,947,123	*	971,228
302 IMP FOREST ENG SYS	37	9.1	271,872	2,823,721	*	726,812
303 ECON TIMBER PRODUCTN	58	12.1	807,893	3,937,039	*	183,059
304 IMP BIO EFF FRT & VEGS	903	298.9	10,832,335	81,922,445	*	5,491,324
305 MECH PROD FRT & VEGS	81	13.0	458,205	3,098,358	*	113,374
306 PROD MGMT SYS F & V	144	35.9	1,455,730	7,957,519	*	703,981
307 IMP BIO EFF FLD CRP	1318	492.5	19,037,624	132,172,914	*	9,249,394
308 MECH PROD FIELD CROPS	89	25.7	755,309	6,223,283	*	233,281
309 PROD MGMT SYS FLD CRP	384	99.7	2,669,389	23,265,259	*	1,832,313
310 ANIMAL REPRODUCTION	581	201.4	9,949,455	69,139,535	*	4,108,212
311 IMP BIO EFF ANML PR	1141	413.4	19,210,451	148,980,881	*	8,391,882
312 ENV STRESS IN ANML PR	181	50.2	2,143,833	14,850,428	*	311,738
313 PROD MGMT SYS ANML PR	281	87.8	2,887,341	21,353,252	*	1,208,480
314 BEES OTH POLLNTNG INS	51	13.9	493,297	3,204,225	*	132,245
315 IMP STRUC FARM SUPP	87	29.1	925,227	8,149,757	*	82,048
316 FARM BUSINESS MGMT	135	41.9	1,568,389	7,238,287	*	471,012
317 MECH/STRUCTS ANML PRD	28	7.0	170,525	1,395,822	*	483
318 NON COM BIO TECH/BIMET	1474	516.8	13,399,879	152,899,382	*	10,839,410
SUBTOTAL		2362.4	85,951,681	899,829,781	*	43,028,037
SERIES 400						
401 NEW IMP FOREST PROD	240	100.8	2,810,318	28,292,728	*	3,871,070
402 PROD F & V IMP ACCEPT	251	55.8	1,400,531	14,178,825	*	894,581
403 NEW & IMP F & V PROD	158	59.1	1,485,898	11,803,114	*	847,241
404 MKT QUAL FRTS & VEGS	170	61.5	1,454,740	13,597,759	*	901,109
405 PROD FLD CROP IMP ACPT	287	92.9	2,443,731	25,145,070	*	2,375,058
406 NEW IMP FOOD FLD CROP	182	53.9	1,523,346	14,374,591	*	1,950,887
407 NEW IMP NON FOOD FC	137	39.8	2,293,109	12,517,172	*	2,104,347
408 MKT QUAL FIELD CROPS	79	23.2	1,074,091	9,487,105	*	188,542
409 PROD ANML PR IMP ACCP	180	54.7	2,579,428	18,488,549	*	1,318,212
410 IMP MEAT MILK EGG PR	255	77.5	2,084,837	19,488,588	*	842,832
411 IMP NON FOOD ANML PR	22	4.3	150,857	1,155,795	*	89,975
412 MKT QUAL ANIMAL PROD	70	17.8	553,019	5,303,423	*	128,957
SUBTOTAL		837.9	19,810,803	170,800,468	*	15,290,391
SERIES 500						
501 IMP GRADES & STANDS	47	11.4	355,779	2,812,084	*	284,109
502 MKTG TIMBER PRODUCTS	31	5.9	126,887	1,315,413	*	290,800
503 MKTG EFF AGRI PRODS	119	30.9	909,791	6,493,139	*	808,487
504 SPLY DEMAND AND PRIC	195	48.1	1,775,874	8,373,874	*	1,155,828
507 COMP REL IN AGRIC	71	19.0	440,412	2,905,302	*	343,790
508 DOMESTIC MKT DEVELP	82	10.8	572,845	3,895,770	*	838,184
509 PERFORMANCE MKTG SYS	139	38.3	1,553,291	9,918,487	*	845,411
510 GROUP ACT MKT POWER	19	2.7	139,490	753,328	*	135,844
511 IMP AGRIC STATISTICS	39	8.2	182,231	1,430,909	*	159,648
512 IMP GRADES FRST PROD	7	1.5	112,004	349,832	*	32,304
513 PRICE ANAL FRST PROD	30	4.8	178,272	971,839	*	149,298
SUBTOTAL		179.9	9,349,454	35,817,275	*	5,041,479
SERIES 600						
601 FGN MKT DEVELP	184	60.8	1,448,285	15,574,029	*	3,535,852
602 EVAL FGN FOOD AID PGM	2	0.4	1,758	77,894	*	43,857
603 TECH AID DEV CRTY	40	11.5	84,084	10,451,779	*	113,047
604 PRO DVLPMT/MKTG FRGN	42	10.1	72,259	2,280,901	*	321,279
SUBTOTAL		82.8	1,584,381	28,384,103	*	4,014,035
SERIES 700						
701 TOX RES IN FOOD	127	33.9	770,383	9,511,248	*	2,791,047
702 FOOD PROT FROM TOX	210	70.5	2,709,887	21,193,592	*	2,782,344
703 FOOD CONSUMP HABITS	150	37.3	1,591,478	9,981,741	*	442,759
704 HOME COMM FOOD SERV	24	4.9	153,271	893,585	*	46,851
705 SEL CARE CLOTH & TEXTL	62	15.3	391,533	2,331,888	*	8,878
706 CONTR INSECTS AFF MAN	87	33.1	785,419	7,582,570	*	287,217
707 TRANS ANIML MAN DIS	38	13.9	249,782	3,234,382	*	3,852
708 HUMAN NUTRITION	415	152.1	5,587,305	41,018,998	*	3,952,819
709 REDUCE HAZ HLTH & SFTY	70	20.0	333,590	4,138,169	*	71,235
SUBTOTAL		380.8	12,572,914	98,585,950	*	10,388,903

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY PROBLEM AREA -- NATIONAL TOTAL SAES - OTHER INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS AGMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
SERIES 800						
801 RURAL HOUSING	52	11.8	494,498	2,139,573	*	90,372
802 INDIV & FAM DEC MAKING	202	47.0	1,169,626	7,316,723	*	284,181
803 RURAL POVERTY	23	6.1	306,839	1,107,283	*	78,744
804 ECON POTENT RURL PEO	115	29.7	1,579,437	8,071,389	*	426,702
805 COMMUNICAT EDUC PROC	141	43.8	672,017	8,821,843	*	235,728
806 ADJUSTMENT TO CHANGE	162	58.2	1,462,493	12,591,417	*	116,087
807 AGRIC ECONOMIC CHANGE	139	40.4	1,446,351	8,859,024	*	476,881
808 GOVT PROGRAMS	83	20.2	461,551	4,419,144	*	1,112,557
SUBTOTAL		257.4	7,823,550	46,123,372	*	2,773,051
SERIES 800						
801 ALLEV POLLUTION	743	234.3	7,907,409	95,398,410	*	7,448,584
802 OUTDOOR RECREATION	120	38.2	744,704	8,217,854	*	1,071,952
803 MULTI USE FOREST POTEN	121	39.3	1,159,111	9,591,328	*	1,313,788
804 WLDLFE AND FISH ECOL	705	264.0	8,728,318	73,727,857	*	5,856,306
805 TREES BEAUTIFICATION	86	23.0	810,889	4,897,678	*	120,520
809 ORNAMENT & TURF DEV	494	171.8	5,294,623	40,188,250	*	1,170,198
807 RURAL INCOME IMP	125	25.1	918,889	4,865,369	*	685,068
808 RURAL INSTITUT IMP	166	35.3	1,218,093	8,821,014	*	712,121
880 UNCLASSIFIED	1	0.0	0	24,571	*	8,408
SUBTOTAL		828.8	26,450,031	214,532,487	*	18,488,852
SCIENCE IN SERV OF MAN						
GRAND TOTAL		7476.5	238,112,709	2,024,820,991	*	190,821,264

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1188	304.7	8,237,047	81,954,092	*	7,581,979
0200 WATER	865	200.4	4,813,624	54,360,098	*	6,023,287
0300 WATERSHEDS RIVER BAS	166	34.1	822,147	9,395,854	*	1,426,457
0400 AIR AND CLIMATE	113	40.0	1,133,661	9,892,193	*	288,575
0500 RECREATION RESOURCES	94	29.3	698,163	8,500,648	*	700,497
0600 TIMBER FORST PRODUCT	939	352.3	13,005,786	86,835,193	*	10,189,360
0700 RANGE	247	82.9	1,750,008	22,219,268	*	1,554,160
0800 WILDLIFE AND FISH	698	272.2	4,547,777	74,761,332	*	7,180,862
0900 CITRUS SUB TROP FRUT	255	104.5	1,570,681	24,610,512	*	1,812,254
1000 FRUIT NUTS DECIDUOUS	809	272.8	7,682,168	73,524,490	*	4,697,483
1100 POTATOES	314	91.2	2,508,359	24,189,286	*	3,905,727
1200 VEGETABLES	1274	408.7	12,317,890	103,588,731	*	8,471,995
1300 ORNAMENTALS TURF	542	197.7	5,919,529	45,726,944	*	1,259,911
1400 CORN	871	188.8	5,856,923	54,256,842	*	4,195,917
1500 GRAIN SORGHUM	229	47.8	967,021	13,636,541	*	871,590
1600 RICE	151	53.0	657,711	14,869,712	*	1,106,039
1700 WHEAT	706	185.6	4,072,326	44,458,632	*	4,102,285
1800 OTHER SMALL GRAINS	349	75.9	1,872,847	20,789,524	*	1,360,514
1900 PASTURE	120	19.5	880,368	4,969,384	*	161,283
2000 FORAGE CROPS	653	156.4	6,009,832	43,152,432	*	3,314,612
2100 COTTON	316	100.6	2,273,208	25,487,822	*	1,725,148
2200 COTTONSEED	9	1.2	11,412	243,297	*	3,528
2300 SOYBEANS	756	181.0	4,984,342	46,907,003	*	3,352,846
2400 PEANUTS	152	44.1	891,007	12,134,743	*	602,288
2500 OTHER OILSEED CROPS	161	39.8	843,922	9,178,230	*	2,080,865
2600 TOBACCO	156	51.2	1,169,347	13,552,290	*	839,845
2700 SUGAR CROPS	118	40.8	1,159,555	9,850,690	*	343,005
2800 MISC NEW CROPS	191	52.9	2,175,367	16,779,235	*	3,703,363
2900 POULTRY	559	203.4	8,489,358	54,360,302	*	2,910,452
3000 BEEF CATTLE	1099	327.2	10,640,599	115,014,312	*	7,055,934
3100 DAIRY CATTLE	945	264.7	11,682,792	91,540,885	*	3,804,718
3200 SWINE	608	158.8	6,744,384	51,817,397	*	2,897,567
3300 SHEEP AND WOOL	334	85.9	3,072,594	28,241,146	*	1,498,060
3400 OTHER ANIMALS	347	117.6	2,544,609	29,477,563	*	1,861,324
3500 BEES AND HONEY	47	12.7	264,186	2,975,114	*	132,245
3600 FARM SUPP & FACILITS	66	18.7	635,138	4,625,068	*	126,619
3700 CLOTHING & TEXTILES	80	18.1	419,322	2,925,338	*	8,824
3800 FOOD	452	154.6	4,034,839	40,216,764	*	4,319,345
3900 HOUSING & EQUIP	131	37.3	1,018,473	7,887,423	*	380,295
4000 PEOPLE AS INDIVIDUALS	555	160.4	3,381,514	33,222,917	*	904,448
4100 FAMILY MEMBERS	240	68.7	1,317,982	15,148,791	*	684,558
4200 FARM AS BUSINESS	181	54.4	1,886,528	9,174,915	*	704,108
4300 SOC POLIT ORGANIZ	343	102.0	2,434,862	21,595,357	*	1,810,167
4400 AGRIC ECONOMY U S	147	53.1	1,162,462	10,914,436	*	2,182,828
4500 AGRIC ECONOMY FORGN	57	19.6	330,128	7,486,596	*	1,241,686
4600 FARM COOPERATIVES	18	4.7	101,433	752,138	*	106,748
4700 OTH MARKET PROCESS	28	4.7	148,926	1,077,398	*	148,775
4800 MARKETING SYSTEMS	73	20.1	581,164	3,524,231	*	312,321
6100 WEEDS	159	39.8	1,185,388	9,730,608	*	777,882
6200 SEED RESEARCH	59	16.4	308,145	3,830,863	*	171,073
6300 BIO CELL SYSTEMS	259	98.6	1,823,460	33,680,835	*	702,733
6400 EXP DESIGN/STAT METHOD	92	35.5	455,814	5,462,293	*	168,508
6500 INVERTEBRATES	487	156.2	3,310,397	38,789,120	*	3,924,852
6600 MICROORGANISMS VIRUSES	543	149.6	3,075,563	41,150,885	*	5,857,398
6700 PLANTS	889	274.8	5,098,119	75,681,576	*	9,897,580
6800 ANIMALS(VERTEBRATES)	448	136.5	2,625,101	39,582,519	*	2,616,900
6900 RESEARCH ON RSCH MGMT	50	18.0	3,473,373	5,823,384	*	685,298
7000 RSCH EQUIP & TECHNOLOGY	119	33.0	556,671	14,621,200	*	1,872,608
9900 UNCLASSIFIED	1	0.0	0	24,571	*	8,408
TOTAL		6474.5	181,595,395	1,746,523,563	*	142,641,283

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	193	55.2	1,586,305	15,104,125	*	1,081,859
102 SOIL PLNT WTR NUTRI	843	242.4	6,800,700	83,410,835	*	5,388,829
103 MGMT OF SALINE SOILS	55	12.7	381,321	3,428,570	*	272,330
104 ALTERN USE OF LAND	144	30.5	897,907	8,542,887	*	417,112
105 CONSERV USE OF WATER	313	78.7	1,885,315	21,150,898	*	2,183,242
106 DRAIN AND IRRIGATION	123	35.8	775,228	8,644,874	*	783,830
107 WATERSHED PROT & MGMT	185	45.7	1,177,792	12,496,715	*	1,794,782
108 ECON LEG PROB OF WAT	81	18.4	372,413	3,815,535	*	262,872
109 WEATHER ADAPT & MOD	146	50.5	1,338,722	12,882,107	*	820,473
110 APPRAIS FORST & RANGS	100	37.8	1,111,119	9,850,201	*	897,917
111 BIOL CULT MGMT FORSTS	282	95.4	3,936,185	22,945,808	*	2,412,521
112 IMPROV RANGE RESOR	158	44.8	1,002,831	12,881,258	*	753,784
113 REMOTE SENSING	81	20.3	477,444	5,700,981	*	892,235
114 RSCH ON MGMT OF RSCH	49	17.9	3,489,435	5,918,003	*	885,299
SUBTOTAL		784.0	24,772,718	204,368,353	*	18,406,884
SERIES 200						
201 CNTRL FORST INSECTS	121	31.1	1,015,867	7,838,175	*	1,733,368
202 CONTROL FOREST DIS	90	30.5	1,257,224	8,262,298	*	399,987
203 FOREST FIRE PROTECT	8	2.8	42,150	488,475	*	36,980
204 CNTR PESTS FRT & VEGS	519	145.2	4,178,817	37,581,595	*	3,473,352
205 CNTR DISE FRT & VEG	719	222.5	5,858,293	57,234,237	*	8,340,894
206 CNTR WEEDS FRT & VEG	187	35.8	1,390,283	9,442,931	*	1,018,788
207 CNTR PESTS FLD CROPS	587	183.8	5,126,808	44,839,478	*	4,381,084
208 CNTR DIS FIELD CROPS	699	222.9	5,841,067	53,303,350	*	4,571,123
209 CNTR WEEDS FLD CROPS	345	112.2	3,497,078	29,321,041	*	2,200,082
210 CONTR PESTS ANIMALS	142	37.7	1,375,841	8,782,737	*	723,940
211 CONTR DIS ANIMALS	723	268.3	7,811,255	81,039,307	*	5,755,081
212 CNTR INTER PARASITES	81	30.8	881,252	7,747,848	*	375,479
213 PROT ANMLS FROM TOXINS	88	41.5	884,474	10,184,758	*	438,711
214 PROTECT FROM POLLUTION	179	52.2	1,437,817	18,099,045	*	2,731,089
SUBTOTAL		1415.0	39,977,827	370,125,089	*	34,159,898
SERIES 300						
301 GENET BREED FORST TRE	75	38.5	1,357,812	7,837,907	*	313,240
302 IMP FOREST ENG SYS	18	4.3	160,205	1,383,411	*	309,823
303 ECON TIMBER PRODUCTN	51	10.7	715,893	3,804,907	*	94,218
304 IMP BIO EFF FRT & VEGS	859	283.5	8,377,010	79,205,410	*	5,376,829
305 MECH PROD FRT & VEGS	81	13.0	458,205	3,098,358	*	113,374
306 PROD MGMT SYS F & V	135	31.0	782,809	7,257,893	*	696,885
307 IMP BIO EFF FLD CRP	1240	442.3	11,782,938	128,627,989	*	8,988,829
308 MECH PROD FIELD CROPS	89	25.7	755,306	8,223,283	*	233,281
309 PROD MGMT SYS FLD CRP	375	95.6	2,128,891	22,819,332	*	1,797,573
310 ANIMAL REPRODUCTION	495	171.0	7,550,553	58,508,501	*	3,559,044
311 IMP BIO EFF ANML PR	1038	372.1	15,850,892	135,203,534	*	5,335,514
312 ENV STRESS IN ANML PR	156	44.1	1,928,338	13,385,394	*	254,905
313 PROD MGMT SYS ANML PR	287	82.4	2,184,724	19,812,015	*	779,315
314 BEES OTH POLLNTNG INS	47	12.7	264,188	2,975,114	*	132,245
315 IMP STRUC FARM SUPP	88	29.1	925,227	8,133,574	*	82,048
316 FARM BUSINESS MGMT	132	41.4	1,476,918	7,111,350	*	471,012
317 MECH/STRUCTS ANML PRO	28	5.4	170,525	1,200,808	*	483
318 NON COM BIO TECH/BIMET	1303	458.8	8,173,060	137,582,498	*	10,843,387
SUBTOTAL		2139.7	84,823,289	639,749,054	*	39,161,743
SERIES 400						
401 NEW IMP FOREST PROD	151	58.0	1,531,890	16,403,063	*	2,842,296
402 PROD F & V IMP ACCEPT	248	53.5	1,294,887	13,919,127	*	785,193
403 NEW & IMP F & V PROD	151	54.9	1,204,181	11,377,238	*	592,452
404 MKT QUAL FRTS & VEGS	187	60.7	1,354,314	13,457,840	*	881,615
405 PROD FLD CROP IMP ACPT	281	91.7	2,293,954	24,987,333	*	2,347,098
406 NEW IMP FOOD FLD CROP	178	51.3	1,194,189	13,962,971	*	1,950,887
407 NEW IMP NON FOOD FC	124	35.3	1,059,228	10,772,349	*	2,104,347
408 MKT QUAL FIELD CROPS	73	21.1	649,994	8,028,144	*	185,385
409 PROD ANML PR IMP ACCP	171	54.0	2,103,309	17,985,272	*	1,302,378
410 IMP MEAT MILK EGG PR	251	78.1	1,758,525	19,144,940	*	842,832
411 IMP NON FOOD ANML PR	21	4.1	134,223	1,138,807	*	89,975
412 MKT QUAL ANIMAL PROD	88	18.8	553,018	4,811,028	*	128,957
SUBTOTAL		575.5	15,131,292	153,947,911	*	13,992,973
SERIES 500						
501 IMP GRADES & STANDS	48	11.3	355,779	2,588,394	*	287,319
502 MKTG TIMBER PRODUCTS	20	4.0	103,063	842,959	*	138,480
503 MKTG EFF AGRI PRODS	118	30.1	743,745	8,302,988	*	808,487
506 SPLY DEMAND AND PRIC	180	48.4	1,518,348	8,081,113	*	1,155,828
507 COMP REL IN AGRIC	71	19.0	440,412	2,905,302	*	343,790
508 DOMESTIC MKT DEVELP	55	7.1	137,784	2,922,138	*	819,250
509 PERFORMANCE MKTG SYS	132	37.2	1,270,208	8,628,540	*	845,411
510 GROUP ACT MKT POWER	18	2.8	122,951	738,820	*	135,844
511 IMP AGRIC STATISTICS	34	5.9	171,134	1,189,107	*	148,017
512 IMP GRADES FRST PROD	5	0.7	59,892	245,358	*	31,098
513 PRICE ANAL FRST PROD	19	3.2	112,764	610,948	*	43,813
SUBTOTAL		187.4	5,034,080	33,053,642	*	4,734,894
SERIES 600						
601 FGN MKT DEVELP	154	58.4	1,390,187	14,604,624	*	3,127,919
602 EVAL FGN FOOD AID PGM	2	0.4	1,758	77,894	*	43,857
603 TECH AID DEV CRTY	38	11.2	84,084	10,388,185	*	113,047
604 PRO OVLPMT/MKTG FRGN	42	10.1	72,256	2,280,601	*	321,279
SUBTOTAL		80.1	1,528,283	27,309,105	*	3,606,102
SERIES 700						
701 TOX RES IN FOOD	123	30.8	805,847	8,879,998	*	2,721,871
702 FOOD PROT FROM TOX	199	87.7	1,790,876	20,269,831	*	2,782,344
703 FOOD CONSUMP HABITS	138	34.1	1,059,034	5,990,428	*	418,181
704 HOME COMM FOOD SERV	24	4.9	153,271	893,585	*	46,851
705 SEL CARE CLOTH & TEXTL	60	14.6	303,658	2,243,809	*	8,678
706 CONTR INSECTS AFF MAN	87	33.1	785,418	7,582,570	*	287,217
707 TRANS ANIML MAN DIS	29	9.0	249,792	2,038,188	*	3,852
708 HUMAN NUTRITION	389	129.8	2,774,265	34,130,540	*	3,570,918
709 REDUCE HAZ HLTH & SFTY	68	18.0	292,124	3,932,831	*	71,235
SUBTOTAL		342.8	8,014,281	85,861,357	*	9,810,845

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 800						
801 RURAL HOUSING	49	11.0	272,712	1,944,817	*	80,372
802 INDIV & FAM DEC MAKING	189	43.6	787,731	6,675,419	*	120,627
803 RURAL POVERTY	21	4.5	86,101	884,748	*	76,744
804 ECON POTENT RURL PEO	101	24.1	708,501	4,877,304	*	424,443
805 COMMUNICAT EDUC PROC	126	39.8	347,531	7,872,123	*	131,685
806 ADJUSTMENT TO CHANGE	186	55.9	1,158,479	12,280,501	*	109,699
807 AGRIC ECONOMIC CHANGE	128	36.4	951,639	8,132,209	*	478,881
808 GOVT PROGRAMS	83	20.2	491,551	4,419,144	*	1,112,557
SUBTOTAL		235.6	4,802,245	45,086,264	*	2,514,808
SERIES 900						
901 ALLEV POLLUTION	693	201.0	5,219,796	55,398,635	*	7,139,914
902 OUTDOOR RECREATION	88	28.8	633,495	6,474,640	*	857,772
903 MULTI USE FOREST POTEN	86	28.1	787,911	8,683,131	*	698,799
904 WLDLFE AND FISH ECOL	583	228.9	3,724,926	63,087,299	*	5,152,195
905 TREES BEAUTIFICATION	84	21.3	535,631	4,568,279	*	115,730
906 ORNAMENT & TURF DEV	487	189.0	4,933,118	39,772,509	*	1,085,983
907 RURAL INCOME IMP	115	23.3	801,855	4,435,955	*	586,556
908 RURAL INSTITUT IMP	183	34.3	1,074,870	8,479,790	*	712,121
990 UNCLASSIFIED	1	0.0	0	24,571	*	6,408
SUBTOTAL		734.5	17,511,600	188,922,809	*	18,153,458
SCIENCE IN SERV OF MAN						
GRAND TOTAL		8474.5	181,595,395	1,748,523,583	*	142,841,283

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ALABAMA AUBURN SAES

CLASSIFICATION CATEGORY	NO DF PRDJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GRDSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	18	5.0	198,828	1,315,670	*	241,098
0200 WATER	18	3.2	77,881	957,778	*	157,784
0300 WATERSHEDS RIVER BAS	1	0.0	1,001	13,110	*	0
0500 RECREATION RESOURCES	3	0.4	737	88,580	*	28,532
0600 TIMBER FORST PRODUCT	35	8.9	569,661	3,122,246	*	489,888
0800 WILDLIFE AND FISH	38	19.2	134,549	3,342,292	*	201,313
1000 FRUIT NUTS DECIDUOUS	10	5.8	262,736	1,418,462	*	0
1200 VEGETABLES	14	8.8	228,928	1,541,163	*	88,428
1300 ORNAMENTALS TURF	15	7.5	191,827	1,429,582	*	45,830
1400 CORN	5	0.7	13,975	355,825	*	35,563
1500 GRAIN SORGHUM	2	0.1	19,508	137,024	*	0
1700 WHEAT	5	0.5	7,055	207,918	*	0
1800 OTHER SMALL GRAINS	5	0.4	21,619	299,476	*	10,818
2000 FORAGE CROPS	11	2.5	131,978	1,447,575	*	35,204
2100 COTTON	12	3.4	86,186	1,332,867	*	104,190
2300 SOYBEANS	12	4.4	138,423	1,140,563	*	2,402
2400 PEANUTS	12	4.3	52,878	985,982	*	53,909
2500 OTHER OILSEED CROPS	1	0.3	1,509	21,812	*	0
2600 TOBACCO	1	0.0	77	3,355	*	2,288
2800 POULTRY	16	10.4	812,155	3,613,950	*	1,295
3000 BEEF CATTLE	14	5.5	486,977	2,488,927	*	0
3100 DAIRY CATTLE	7	3.4	286,571	903,108	*	0
3200 SWINE	9	1.7	125,469	723,580	*	34,891
3300 SHEEP AND WOOL	3	1.3	34,410	220,187	*	0
3400 OTHER ANIMALS	2	0.5	18,672	77,893	*	0
3500 BEES AND HONEY	1	0.3	2,218	31,830	*	0
3600 FARM SUPP & FACILITS	1	0.9	13,678	361,315	*	22,184
3700 CLOTHING & TEXTILES	2	0.4	3,207	232,829	*	0
3800 FOOD	3	1.2	10,348	82,707	*	0
3900 HOUSING & EQUIP	4	1.5	72,235	388,471	*	82,501
4000 PEOPLE AS INDIVIDUALS	7	1.8	12,830	223,927	*	28,482
4100 FAMILY MEMBERS	4	0.9	5,230	681,822	*	0
4200 FARM AS BUSINESS	4	0.9	13,890	35,451	*	0
4300 SOC POLIT ORGANIZ	6	2.2	14,123	283,498	*	18,975
4400 AGRIC ECONOMY U S	5	2.1	39,177	226,030	*	57,362
4500 AGRIC ECONOMY FORGN	1	0.0	254	46,477	*	21,832
6100 WEEDS	1	0.3	65,026	97,675	*	0
6300 BIO CELL SYSTEMS	4	1.5	13,662	442,305	*	0
6500 INVERTEBRATES	10	4.0	21,087	472,514	*	80,432
6600 MICROORGANISMS VIRUSES	9	4.0	128,018	853,981	*	145,681
6700 PLANTS	7	1.4	11,126	260,795	*	143,583
6800 ANIMALS(VERTEBRATES)	3	0.1	95,605	126,943	*	1,423
6900 RESEARCH ON RSCH MGMT	1	1.2	711	9,072	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.8	20,407	57,332	*	0
TOTAL		121.5	4,246,000	32,043,335	*	2,053,670

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ALASKA FAIRBANKS SAES

CLASSIFICATION CATEGORY	NO DF PRDJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GRDSS) 1993	TOTAL FUNDS (GRDSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	3	1.1	132,934	166,110	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	1,337	4,300	*	0
0500 RECREATION RESOURCES	1	0.0	0	323	*	0
0600 TIMBER FORST PRODUCT	6	2.8	351,918	766,570	*	0
0700 RANGE	3	0.5	32,711	118,607	*	0
0800 WILDLIFE AND FISH	12	4.7	39,489	1,383,435	*	37,014
1000 FRUIT NUTS DECIDUOUS	1	0.4	48,929	77,054	*	0
1100 POTATOES	3	1.4	86,221	294,180	*	5,000
1200 VEGETABLES	1	0.4	25,958	48,981	*	0
1300 ORNAMENTALS TURF	2	1.3	130,787	242,898	*	0
1800 OTHER SMALL GRAINS	3	1.2	22,231	226,341	*	18,759
2000 FORAGE CROPS	2	1.8	128,666	291,971	*	0
3000 BEEF CATTLE	1	1.0	54,161	218,403	*	0
3100 DAIRY CATTLE	1	0.2	10,305	25,535	*	0
3200 SWINE	2	0.7	88,105	158,701	*	0
3400 OTHER ANIMALS	2	1.0	50,390	115,437	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.0	0	4,500	*	0
4200 FARM AS BUSINESS	1	0.2	13,740	34,046	*	0
4300 SOC POLIT ORGANIZ	1	0.4	22,900	56,744	*	0
6500 INVERTEBRATES	1	0.0	0	37,014	*	37,014
6600 MICRODRGANISMS VIRUSES	1	0.1	0	10,572	*	0
6700 PLANTS	2	1.0	45,247	222,373	*	0
TOTAL		20.6	1,266,029	4,484,094	*	97,786

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- AMERICAN SAMOA PAGO PAGO SAES

CLASSIFICATION CATEGORY	NO DF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GRDSS) 1993	TOTAL FUNDS (GRDSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
1000 FRUIT NUTS DECIDUOUS	1	0.0	107,957	107,957	*	0
1200 VEGETABLES	3	0.0	539,785	539,785	*	0
TOTAL		0.0	647,742	647,742	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ARIZONA TUCSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	28	6.5	148,375	2,181,179	*	189,389
0200 WATER	32	9.9	150,494	2,741,170	*	208,999
0300 WATERSHEDS RIVER BAS	7	4.1	14,987	1,115,190	*	339,300
0400 AIR AND CLIMATE	3	1.0	14,809	175,358	*	17,330
0500 RECREATION RESOURCES	4	1.9	9,522	273,818	*	2,075
0600 TIMBER FORST PRODUCT	12	3.8	28,787	874,999	*	59,931
0700 RANGE	21	3.2	35,992	701,199	*	87,312
0800 WILDLIFE AND FISH	9	4.0	51,259	1,139,445	*	129,008
0900 CITRUS SUB TROP FRUT	5	1.8	10,069	231,374	*	4,933
1000 FRUIT NUTS DECIDUOUS	2	0.4	429	30,238	*	279
1200 VEGETABLES	29	11.9	189,295	3,589,074	*	251,832
1300 ORNAMENTALS TURF	5	2.1	12,634	551,511	*	28,703
1400 CORN	7	2.8	33,687	1,534,885	*	178,982
1600 RICE	1	0.2	7,393	27,052	*	389
1700 WHEAT	5	0.8	11,707	100,288	*	1,999
1800 OTHER SMALL GRAINS	2	0.5	9,729	87,508	*	190
2000 FORAGE CROPS	8	3.7	81,250	1,505,358	*	189,979
2100 COTTON	22	10.9	134,384	2,511,111	*	135,291
2200 COTTONSEED	2	0.9	9,787	101,324	*	3,292
2300 SOYBEANS	2	0.0	2,783	19,004	*	37
2500 OTHER OILSEED CROPS	2	0.8	1,249	108,834	*	34,783
2600 TOBACCO	1	0.3	0	93,785	*	51,385
2700 SUGAR CROPS	1	0.2	18,270	37,793	*	539
2800 MISC NEW CROPS	8	3.4	95,880	881,754	*	83,384
2900 POULTRY	1	0.2	2,101	47,388	*	95
3000 BEEF CATTLE	15	8.1	132,117	1,899,348	*	88,011
3100 DAIRY CATTLE	19	7.9	177,378	2,118,928	*	155,722
3200 SWINE	3	1.4	40,720	405,360	*	93,200
3300 SHEEP AND WOOL	5	1.5	47,148	498,132	*	28,148
3400 OTHER ANIMALS	12	2.9	54,081	824,081	*	188,349
3900 FARM SUPP & FACILITS	1	0.1	3,553	88,410	*	29,088
3700 CLOTHING & TEXTILES	3	0.3	1,387	49,973	*	119
3800 FOOD	3	2.4	30,278	589,201	*	1,948
3900 HOUSING & EQUIP	2	0.7	0	118,204	*	9,822
4000 PEOPLE AS INDIVIDUALS	18	5.2	51,487	1,031,877	*	24,153
4100 FAMILY MEMBERS	14	4.5	21,255	861,469	*	30,134
4200 FARM AS BUSINESS	1	0.9	28,554	87,377	*	1,195
4300 SOC POLIT ORGANIZ	7	3.5	19,282	788,129	*	5,824
4400 AGRIC ECONOMY U S	1	1.4	3,082	320,378	*	880
4500 AGRIC ECONOMY FORGN	1	1.4	3,082	320,378	*	880
8100 WEEDS	2	0.2	281	90,048	*	15,389
8200 SEED RESEARCH	1	0.0	2,732	4,978	*	10
8300 BIO CELL SYSTEMS	6	2.1	88,758	481,153	*	24,910
8400 EXP DESIGN/STAT METHOD	3	2.1	12,103	184,317	*	533
8500 INVERTEBRATES	8	9.1	55,407	2,089,478	*	117,375
8900 MICROORGANISMS VIRUSES	9	1.9	39,155	579,289	*	227,832
8700 PLANTS	12	3.3	44,539	973,310	*	45,450
8800 ANIMALS(VERTEBRATES)	11	12.2	74,392	3,110,512	*	188,829
7000 RSCH EQUIP & TECHNOLOGY	4	3.0	18,303	798,871	*	109,840
TOTAL		149.8	2,018,132	38,875,215	*	3,383,490

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ARKANSAS FAYETTEVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	20	8.1	75,188	1,878,508	*	159,418
0200 WATER	15	3.1	87,357	728,280	*	8,138
0300 WATERSHEDS RIVER BAS	7	0.4	23,017	99,082	*	2,244
0400 AIR AND CLIMATE	9	0.7	41,398	178,421	*	0
0500 RECREATION RESOURCES	1	0.3	11,877	49,858	*	10,278
0600 TIMBER FORST PRODUCT	20	10.9	455,877	1,741,835	*	372,893
0700 RANGE	1	0.2	0	44,815	*	0
0800 WILDLIFE AND FISH	4	0.2	10,289	120,354	*	89,587
1000 FRUIT NUTS DECIDUOUS	19	4.5	236,101	1,474,587	*	42,371
1100 POTATOES	1	0.0	0	2,907	*	0
1200 VEGETABLES	22	7.2	213,841	1,370,973	*	19,133
1300 ORNAMENTALS TURF	5	1.9	24,177	300,897	*	0
1400 CORN	7	0.7	9,189	129,983	*	52,590
1500 GRAIN SORGHUM	14	1.5	54,888	378,498	*	142,171
1600 RICE	28	9.2	119,778	4,105,378	*	539,092
1700 WHEAT	15	3.1	104,841	884,878	*	8,848
1800 OTHER SMALL GRAINS	3	0.5	8,909	149,225	*	214
1900 PASTURE	2	0.5	9,125	117,882	*	8,778
2000 FORAGE CROPS	8	1.3	1,878	450,344	*	55,478
2100 COTTON	31	8.8	291,371	2,989,382	*	423,109
2300 SOYBEANS	38	12.1	188,903	3,923,099	*	389,798
2400 PEANUTS	1	0.1	7,037	44,598	*	0
2700 SUGAR CROPS	2	0.5	0	55,832	*	55,832
2800 MISC NEW CROPS	1	0.1	8,388	43,528	*	0
2900 POULTRY	31	11.0	530,345	3,804,212	*	983,953
3000 BEEF CATTLE	23	7.4	312,942	2,974,751	*	155,258
3100 DAIRY CATTLE	9	3.9	191,434	957,840	*	0
3200 SWINE	9	1.0	28,139	580,572	*	12,978
3300 SHEEP AND WOOL	2	0.1	3,529	31,210	*	12,091
3400 OTHER ANIMALS	5	2.0	74,588	318,214	*	0
3700 CLOTHING & TEXTILES	3	1.0	42,374	117,010	*	0
3800 FOOD	2	0.8	18,773	107,513	*	0
3900 HOUSING & EQUIP	4	2.4	40,981	227,412	*	0
4000 PEOPLE AS INDIVIDUALS	8	2.5	58,358	388,275	*	0
4100 FAMILY MEMBERS	2	0.8	8,432	88,821	*	770
4200 FARM AS BUSINESS	9	3.1	80,848	412,311	*	8,178
4300 SOC POLIT ORGANIZ	3	1.1	0	382,853	*	105,151
4400 AGRIC ECONOMY U S	2	0.8	18,717	104,350	*	8,178
4800 FARM COOPERATIVES	1	0.1	1,352	20,581	*	14,128
4700 OTH MARKET PROCESS	1	0.1	1,352	20,581	*	14,128
4800 MARKETING SYSTEMS	3	1.1	21,520	142,237	*	35,195
8100 WEEDS	5	3.5	209,231	440,494	*	31,403
8400 EXP DESIGN/STAT METHOD	3	2.5	0	220,333	*	0
8500 INVERTEBRATES	4	1.2	14,244	177,258	*	47,852
8900 MICROORGANISMS VIRUSES	7	2.4	54,883	440,487	*	84,958
8700 PLANTS	4	1.8	19,870	308,847	*	87,824
8800 ANIMALS(VERTEBRATES)	2	0.5	13,815	119,500	*	0
8800 RESEARCH ON RSCH MGMT	1	0.1	3,938	7,381	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.3	12,420	58,103	*	4,911
TOTAL		124.2	3,708,832	33,119,458	*	3,917,400

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- CALIFORNIA BERKELEY SAES

	CLASSIFICATION CATEGORY	ND OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100	SOIL AND LAND	83	26.8	339,298	8,071,913	*	720,210
0200	WATER	91	12.8	129,136	3,851,176	*	353,547
0300	WATERSHEDS RIVER BAS	11	2.2	18,681	414,413	*	230
0400	AIR AND CLIMATE	16	5.3	74,833	1,414,180	*	2,102
0500	RECREATION RESOURCES	5	3.0	10,342	581,354	*	35,598
0600	TIMBER FORST PRODUCT	66	26.3	417,689	8,831,941	*	259,823
0700	RANGE	15	5.2	79,488	1,315,591	*	545
0800	WILDLIFE AND FISH	55	26.0	261,922	9,830,912	*	278,208
0900	CITRUS SUB TROP FRUT	41	15.9	170,889	6,055,283	*	245,807
1000	FRUIT NUTS DECIDUOUS	88	37.7	342,155	11,695,502	*	501,188
1100	POTATOES	8	2.3	37,233	459,807	*	1,713
1200	VEGETABLES	104	36.0	401,595	10,425,300	*	1,250,213
1300	ORNAMENTALS TURF	21	10.3	54,388	2,432,388	*	113,340
1400	CORN	10	2.1	5,485	841,828	*	318,901
1500	GRAIN SORGHUM	2	0.0	2,232	9,385	*	16
1600	RICE	13	3.5	9,339	880,720	*	201
1700	WHEAT	17	4.7	16,063	1,231,683	*	186,952
1800	OTHER SMALL GRAINS	15	3.4	24,553	1,403,259	*	93,805
1900	PASTURE	1	0.0	0	3,122	*	3
2000	FORAGE CROPS	24	3.8	57,805	1,288,829	*	82,124
2100	COTTON	20	5.6	41,249	1,748,419	*	468
2300	SOYBEANS	5	1.4	20,859	500,180	*	109
2500	OTHER OILSEED CROPS	6	1.7	0	444,011	*	95,225
2700	SUGAR CROPS	7	2.1	20,115	492,750	*	11,528
2800	MISC NEW CROPS	3	1.1	148,825	298,493	*	48
2900	POULTRY	28	8.4	127,794	2,189,191	*	188,298
3000	BEEF CATTLE	28	7.4	105,313	2,208,585	*	235,372
3100	DAIRY CATTLE	41	11.1	145,951	2,942,703	*	143,171
3200	SWINE	10	2.1	18,456	475,591	*	148,913
3300	SHEEP AND WOOL	17	4.1	52,463	1,419,749	*	49,582
3400	OTHER ANIMALS	26	9.0	75,202	2,945,387	*	79,549
3500	BEES AND HONEY	15	5.4	131,249	1,150,343	*	2,033
3600	FARM SUPP & FACILITS	3	0.6	8,844	117,188	*	1,684
3700	CLOTHING & TEXTILES	14	3.9	49,398	589,842	*	831
3800	FOOD	31	12.8	88,983	4,471,982	*	181,979
3900	HOUSING & EQUIP	7	1.0	13,412	371,379	*	108
4000	PEOPLE AS INDIVIDUALS	44	17.9	170,215	4,916,525	*	10,525
4100	FAMILY MEMBERS	6	1.7	29,348	254,657	*	7,458
4200	FARM AS BUSINESS	4	0.9	0	152,099	*	7,450
4300	SOC POLIT ORGANIZ	15	3.6	43,550	590,127	*	15,080
4400	AGRIC ECONOMY U S	13	6.5	27,188	1,174,432	*	5,449
4500	AGRIC ECONOMY FORGN	2	2.0	5,293	353,304	*	1,337
4600	FARM COOPERATIVES	2	0.6	0	82,738	*	8
4700	OTH MARKET PROCESS	1	0.9	24,830	208,323	*	38,634
4800	MARKETING SYSTEMS	14	6.1	132,061	1,289,504	*	19,833
6100	WEEDS	7	1.9	41,561	482,797	*	43,187
6200	SEED RESEARCH	7	3.5	22,215	989,088	*	31,052
6300	BIO CELL SYSTEMS	23	8.7	77,011	4,389,988	*	49,659
6400	EXP DESIGN/STAT METHOD	7	2.2	48,306	498,299	*	21,392
6500	INVERTEBRATES	89	28.9	324,439	7,358,915	*	381,614
6900	MICRDORGANISMS VIRUSES	74	24.3	257,039	7,405,302	*	744,940
6700	PLANTS	150	94.4	433,595	19,543,128	*	2,789,880
6800	ANIMALS(VERTEBRATES)	47	22.3	158,374	5,821,588	*	142,855
6900	RESEARCH ON RSCH MGMT	6	6.8	1,608,784	1,949,104	*	12
7000	RSCH EQUIP & TECHNOLOGY	9	3.2	35,178	1,001,574	*	125
TOTAL			510.6	9,933,714	145,815,796	*	9,870,054

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- COLORADO FT COLLINS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA SYS 1993	CON/GT/CA	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	16	3.6	75,758	1,240,071	*		204,013
0200 WATER	31	8.2	281,249	4,581,945	*		600,137
0300 WATERSHEDS RIVER BAS	4	0.6	27,907	215,957	*		14,613
0400 AIR AND CLIMATE	3	0.9	12,793	851,875	*		38,863
0500 RECREATION RESOURCES	3	0.9	74,191	221,418	*		14,613
0600 TIMBER FORST PRODUCT	9	2.7	188,625	1,077,231	*		102,669
0700 RANGE	9	5.7	116,524	2,260,329	*		65,117
0800 WILDLIFE AND FISH	2	0.3	27,907	142,858	*		14,613
1000 FRUIT NUTS DECIDUOUS	12	2.3	155,965	785,311	*		71,129
1100 POTATOES	7	2.6	128,003	603,941	*		38,592
1200 VEGETABLES	13	3.4	137,569	815,672	*		34,330
1300 ORNAMENTALS TURF	7	1.2	27,212	440,853	*		6,987
1400 CORN	17	2.6	120,532	846,893	*		69,205
1500 GRAIN SORGHUM	4	0.3	96,760	185,770	*		3,623
1700 WHEAT	22	4.4	171,801	1,691,672	*		282,929
1800 OTHER SMALL GRAINS	11	2.2	122,101	669,768	*		53,990
1900 PASTURE	2	0.1	8,083	66,664	*		358
2000 FORAGE CROPS	11	1.6	24,771	892,087	*		40,242
2300 SOYBEANS	2	0.2	23,632	145,820	*		5,232
2500 OTHER OILSEED CROPS	2	0.1	8,454	71,782	*		23,184
2700 SUGAR CROPS	1	0.0	0	2,607	*		2,607
2800 MISC NEW CROPS	1	0.0	1,952	5,349	*		0
3000 BEEF CATTLE	17	8.0	295,924	3,893,946	*		1,305
3100 DAIRY CATTLE	4	0.4	27,094	323,128	*		0
3200 SWINE	1	0.1	0	86,526	*		0
3300 SHEEP AND WOOL	7	1.2	44,277	458,644	*		870
3400 OTHER ANIMALS	2	0.4	8,522	142,285	*		100,639
3600 FARM SUPP & FACILITS	1	0.0	0	7,966	*		7,966
3700 CLOTHING & TEXTILES	1	0.1	11,595	31,195	*		0
3800 FOOD	3	1.8	57,429	684,809	*		0
4000 PEOPLE AS INDIVIDUALS	5	0.4	49,827	128,368	*		0
4100 FAMILY MEMBERS	3	0.5	35,266	87,206	*		0
4200 FARM AS BUSINESS	1	0.4	2,078	76,073	*		29,539
4300 SOC POLIT ORGANIZ	6	0.7	33,685	246,242	*		37,518
4400 AGRIC ECONOMY U S	1	0.1	0	8,700	*		0
6100 WEEDS	2	0.6	3,639	80,938	*		184
6200 SEED RESEARCH	4	1.3	22,270	327,454	*		65,697
6300 BIO CELL SYSTEMS	1	0.3	38,493	59,847	*		0
6500 INVERTEBRATES	5	0.6	31,823	364,798	*		208,248
6600 MICROORGANISMS VIRUSES	5	1.1	41,227	354,287	*		89,849
6700 PLANTS	13	2.0	99,249	1,242,498	*		178,215
6800 ANIMALS(VERTEBRATES)	2	0.3	17,233	80,632	*		0
7000 RSCH EQUIP & TECHNOLOGY	4	1.0	76,116	1,908,083	*		1,207,938
TOTAL		65.1	2,725,533	28,369,276	*		3,595,014

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- CONNECTICUT NEW HAVEN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA SYS 1993	CON/GT/CA	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	7	2.4	23,185	252,278	*		0
0200 WATER	6	2.1	23,185	218,755	*		0
0600 TIMBER FORST PRODUCT	13	5.9	113,728	804,945	*		0
0800 WILDLIFE AND FISH	1	0.1	0	11,180	*		0
1000 FRUIT NUTS DECIDUOUS	8	2.6	68,994	340,868	*		33,330
1100 POTATOES	4	1.7	3,703	221,306	*		40,259
1200 VEGETABLES	12	5.0	178,639	675,761	*		0
1300 ORNAMENTALS TURF	7	2.7	1,587	313,801	*		0
1400 CORN	2	0.2	0	24,659	*		0
1700 WHEAT	1	0.3	32,190	46,345	*		0
2000 FORAGE CROPS	1	0.0	0	1,225	*		0
2600 TOBACCO	7	5.4	128,055	598,397	*		29,364
2800 MISC NEW CROPS	2	0.6	17,259	81,311	*		0
2900 POULTRY	1	0.1	9,676	12,576	*		0
3000 BEEF CATTLE	1	0.1	0	6,988	*		0
3100 DAIRY CATTLE	2	0.3	22,583	38,333	*		0
3200 SWINE	1	0.1	0	6,988	*		0
3300 SHEEP AND WOOL	1	0.1	0	6,988	*		0
3400 OTHER ANIMALS	2	0.6	0	82,817	*		0
3500 BEES AND HONEY	1	0.2	0	27,260	*		0
3600 FARM SUPP & FACILITS	2	0.6	0	83,854	*		0
3700 CLOTHING & TEXTILES	1	0.1	0	13,630	*		0
3800 FOOD	1	0.4	0	59,902	*		0
3900 HOUSING & EQUIP	2	0.9	16,297	198,927	*		0
4000 PEOPLE AS INDIVIDUALS	4	4.2	174,406	572,464	*		0
6500 INVERTEBRATES	2	0.8	35,518	111,767	*		18,219
6600 MICROORGANISMS VIRUSES	1	1.0	6,445	136,301	*		0
6700 PLANTS	4	1.9	31,403	215,899	*		26,482
6800 ANIMALS(VERTEBRATES)	1	0.2	0	22,361	*		0
TOTAL		40.4	886,853	5,181,688	*		147,654

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- CONNECTICUT STORRS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AUMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	8	1.1	47,595	181,933	*	0
0200 WATER	8	1.2	30,831	213,495	*	40,957
0400 AIR AND CLIMATE	2	0.8	78,478	188,982	*	0
0500 RECREATION RESOURCES	1	0.5	508	51,287	*	0
0900 TIMBER FORST PRODUCT	3	0.8	23,283	158,188	*	0
0800 WILDLIFE AND FISH	1	0.3	0	77,714	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.1	3,832	31,908	*	0
1100 POTATOES	2	0.3	8,508	47,142	*	0
1200 VEGETABLES	3	0.3	17,924	80,873	*	0
1300 ORNAMENTALS TURF	8	2.2	110,854	430,338	*	0
1400 CORN	3	0.2	15,032	41,983	*	10,238
1700 WHEAT	1	0.0	848	8,850	*	0
1800 PASTURE	1	0.1	13,425	35,130	*	0
2000 FORAGE CROPS	3	0.2	18,028	55,725	*	0
2900 POULTRY	8	2.8	191,847	817,731	*	182,884
3000 BEEF CATTLE	6	0.7	18,788	141,987	*	28,978
3100 DAIRY CATTLE	13	2.4	104,889	887,705	*	89,357
3300 SHEEP AND WOOL	3	0.3	12,872	82,723	*	12,784
3400 OTHER ANIMALS	9	2.5	38,953	978,988	*	127,907
3800 FOOD	4	1.8	14,071	545,918	*	428,122
4000 PEOPLE AS INDIVIDUALS	3	0.5	71,370	238,442	*	0
4300 SOC POLIT ORGANIZ	1	0.7	44,854	73,408	*	0
4400 AGRIC ECONOMY U S	1	0.2	8,823	21,701	*	0
4900 FARM COOPERATIVES	2	0.1	1,528	94,908	*	52,884
4700 OTH MARKET PROCESS	1	0.0	848	8,850	*	0
4800 MARKETING SYSTEMS	4	0.3	7,088	88,857	*	52,884
8400 EXP DESIGN/STAT METHOD	1	0.1	0	5,841	*	5,841
8800 ANIMALS(VERTEBRATES)	4	0.8	85,028	370,451	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.3	18,892	43,181	*	0
TOTAL		21.3	998,758	5,855,375	*	1,010,507

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- DELAWARE NEWARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AUMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	23	5.2	177,374	1,029,944	*	15,754
0200 WATER	14	2.2	40,174	388,280	*	12,823
0800 TIMBER FORST PRODUCT	1	0.7	48,188	138,400	*	0
0800 WILDLIFE AND FISH	4	1.0	47,288	185,531	*	14,758
1100 POTATOES	5	0.8	18,581	87,434	*	0
1200 VEGETABLES	13	3.8	47,418	517,838	*	3,411
1300 ORNAMENTALS TURF	5	1.5	13,348	217,787	*	18,998
1400 CORN	8	3.0	150,128	775,014	*	0
1500 GRAIN SORGHUM	2	1.0	3,828	77,274	*	0
1700 WHEAT	1	0.0	148	3,508	*	0
1800 OTHER SMALL GRAINS	1	0.0	148	3,508	*	0
2000 FORAGE CROPS	1	0.3	4,422	88,931	*	0
2300 SOYBEANS	10	1.7	40,001	284,238	*	13,005
2800 MISC NEW CROPS	3	0.1	0	72,507	*	548
2900 POULTRY	24	10.5	331,883	2,887,788	*	185,731
3100 DAIRY CATTLE	5	1.7	101,325	780,082	*	0
3200 SWINE	5	1.2	11,148	288,008	*	0
3800 FARM SUPP & FACILITS	1	0.8	80,840	283,511	*	0
3800 FOOD	1	1.2	0	133,842	*	0
4300 SOC POLIT ORGANIZ	3	1.0	38,048	178,328	*	9,874
8500 INVERTEBRATES	8	4.4	124,708	780,570	*	0
8800 MICROORGANISMS VIRUSES	1	0.0	0	83,187	*	0
8700 PLANTS	5	1.8	8,738	153,418	*	18,385
TOTAL		43.7	1,288,908	8,533,253	*	288,883

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- DIST OF COLUM WASHINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	3	0.4	52,528	78,189	*	0
0200 WATER	3	0.5	40,977	82,452	*	0
0400 AIR AND CLIMATE	1	0.1	14,079	21,538	*	0
0600 TIMBER FORST PRODUCT	2	0.8	105,175	154,407	*	0
0800 WILDLIFE AND FISH	1	0.0	1,882	4,885	*	0
1200 VEGETABLES	2	0.7	82,858	121,448	*	0
1300 ORNAMENTALS TURF	1	0.5	35,315	65,153	*	0
1400 CORN	1	0.1	12,400	18,388	*	0
4000 PEOPLE AS INDIVIDUALS	4	1.4	99,290	182,837	*	0
4300 SOC POLIT ORGANIZ	1	0.3	38,709	56,812	*	0
9400 EXP DESIGN/STAT METHOD	1	0.3	21,698	39,601	*	0
6700 PLANTS	1	0.1	14,079	21,538	*	0
TOTAL		5.3	518,588	848,808	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FLORIDA GAINESVILLLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	34	10.0	84,983	2,662,994	*	90,644
0200 WATER	33	7.7	97,731	2,541,206	*	103,380
0300 WATERSHEDS RIVER BAS	5	1.7	31,902	674,828	*	80,775
0400 AIR AND CLIMATE	2	2.0	15,837	240,747	*	0
0500 RECREATION RESOURCES	2	1.2	0	225,432	*	0
0600 TIMBER FORST PRODUCT	27	24.7	519,800	4,611,884	*	164,983
0700 RANGE	3	1.4	2,000	353,536	*	9,365
0800 WILDLIFE AND FISH	21	17.6	35,212	4,001,397	*	84,811
0900 CITRUS SUB TROP FRUT	105	55.3	416,808	11,621,378	*	701,015
1000 FRUIT NUTS DECIDUOUS	33	10.0	19,283	2,022,425	*	283,755
1100 POTATOES	14	2.4	49,393	578,189	*	0
1200 VEGETABLES	156	54.4	356,328	11,441,503	*	1,279,941
1300 ORNAMENTALS TURF	70	28.7	484,386	6,047,915	*	351,357
1400 CORN	28	4.4	65,879	1,285,955	*	175,585
1500 GRAIN SORGHUM	8	0.3	8,416	83,083	*	0
1600 RICE	6	2.9	4,347	852,439	*	293,560
1700 WHEAT	14	1.9	8,278	393,710	*	0
1800 OTHER SMALL GRAINS	10	1.0	8,408	213,875	*	0
1900 PASTURE	18	3.4	24,236	701,036	*	23,104
2000 FORAGE CROPS	55	14.8	188,102	2,951,480	*	110,359
2100 COTTON	6	0.7	2,388	166,846	*	11,129
2300 SOYBEANS	38	4.9	52,078	1,087,356	*	110,738
2400 PEANUTS	25	5.0	30,731	1,127,724	*	32,524
2500 OTHER OILSEED CROPS	4	0.2	6,051	55,868	*	9,209
2600 TOBACCO	9	0.9	19,455	198,981	*	13,813
2700 SUGAR CROPS	11	3.8	10,346	880,241	*	0
2800 MISC NEW CROPS	12	1.6	26,418	370,855	*	16,685
2900 POULTRY	14	5.4	40,476	1,144,300	*	0
3000 BEEF CATTLE	54	18.1	115,627	6,069,068	*	141,827
3100 DAIRY CATTLE	29	10.4	107,763	3,440,764	*	74,200
3200 SWINE	25	6.1	20,761	2,184,405	*	175,800
3300 SHEEP AND WOOL	7	1.1	2,854	304,868	*	9,988
3400 OTHER ANIMALS	15	7.0	50,005	1,953,303	*	240,323
3500 BEES AND HONEY	1	0.3	244	30,878	*	0
3600 FARM SUPP & FACILITS	1	0.0	3,772	3,772	*	0
3800 FOOD	8	5.3	9,332	1,592,473	*	0
3900 HOUSING & EQUIP	4	1.1	2,839	197,859	*	9,351
4000 PEOPLE AS INDIVIDUALS	13	5.0	49,839	1,783,945	*	92,191
4100 FAMILY MEMBERS	1	0.2	1,200	34,544	*	0
4200 FARM AS BUSINESS	3	0.3	2,455	66,209	*	0
4300 SOC POLIT ORGANIZ	7	3.8	32,181	593,550	*	4,513
4400 AGRIC ECONOMY U S	4	2.4	17,043	497,245	*	0
4500 AGRIC ECONOMY FORGN	2	0.7	8,478	112,788	*	0
4800 MARKETING SYSTEMS	1	0.0	0	703	*	0
8100 WEEDS	11	3.7	50,535	832,970	*	56,060
8300 BIO CELL SYSTEMS	4	1.6	500	363,618	*	0
8400 EXP DESIGN/STAT METHOD	4	0.8	0	90,479	*	0
8500 INVERTEBRATES	30	13.3	66,898	2,786,095	*	252,416
8600 MICROORGANISMS VIRUSES	24	10.1	6,224	2,250,239	*	272,049
8700 PLANTS	32	10.2	64,553	2,475,953	*	149,814
8800 ANIMALS(VERTEBRATES)	15	5.0	2,831	1,316,108	*	5,238
8900 RESEARCH ON RSCH MGMT	4	0.3	3,875	254,973	*	61,574
7000 RSCH EQUIP & TECHNOLOGY	5	0.9	18,505	352,464	*	8,853
TOTAL		373.9	3,244,964	88,126,007	*	5,480,669

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- GEORGIA ATHENS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	37	8.0	153,338	1,449,719	*	183,632
0200 WATER	29	5.5	94,391	1,226,404	*	174,123
0300 WATERSHEDS RIVER BAS	2	0.4	9,524	55,273	*	2,398
0400 AIR AND CLIMATE	2	0.3	7,948	77,295	*	0
0500 RECREATION RESOURCES	4	0.7	37,897	199,878	*	64,271
0600 TIMBER FORST PRODUCT	39	9.8	493,553	4,107,850	*	425,312
0700 RANGE	1	0.0	0	2,139	*	2,138
0800 WILDLIFE AND FISH	18	4.9	180,983	2,819,503	*	183,429
0900 CITRUS SUB TROP FRUT	2	0.0	0	14,238	*	0
1000 FRUIT NUTS DECIDUOUS	44	14.9	352,024	3,378,739	*	110,832
1100 POTATOES	1	0.0	0	890	*	0
1200 VEGETABLES	46	15.2	459,085	3,587,783	*	105,801
1300 ORNAMENTALS TURF	29	10.0	389,446	2,552,123	*	15,729
1400 CORN	19	2.1	23,516	917,989	*	52,637
1500 GRAIN SORGHUM	12	1.3	108,496	993,472	*	13,845
1600 RICE	1	0.1	0	41,426	*	0
1700 WHEAT	21	3.5	159,947	1,094,992	*	26,785
1800 OTHER SMALL GRAINS	11	1.2	52,511	411,889	*	33,551
1900 PASTURE	4	0.3	15,895	118,811	*	319
2000 FORAGE CROPS	34	8.3	290,733	2,294,221	*	151,599
2100 COTTON	13	2.4	41,413	999,821	*	30,714
2200 COTTONSEED	1	0.1	1,480	10,470	*	14
2300 SOYBEANS	33	7.8	232,406	2,151,893	*	58,561
2400 PEANUTS	41	13.7	410,321	3,849,442	*	61,210
2500 OTHER OILSEED CROPS	9	1.3	21,892	521,998	*	21,087
2600 TOBACCO	8	2.8	48,682	925,812	*	8,168
2800 MISC NEW CROPS	4	0.3	28,755	145,280	*	3,118
2900 POULTRY	28	13.3	343,213	3,010,938	*	61,629
3000 BEEF CATTLE	24	11.1	210,737	3,833,427	*	60,893
3100 DAIRY CATTLE	17	5.1	184,784	1,728,227	*	47,083
3200 SWINE	13	5.2	82,153	1,229,730	*	18,813
3300 SHEEP AND WOOL	1	0.3	3,191	52,158	*	0
3400 OTHER ANIMALS	1	0.3	10,752	79,659	*	11
3500 BEES AND HONEY	1	0.1	1,814	15,840	*	914
3600 FARM SUPP & FACILITS	4	0.2	2,797	42,539	*	1,003
3700 CLOTHING & TEXTILES	4	0.4	2,398	105,085	*	0
3800 FOOD	14	3.2	47,803	799,211	*	3,399
3900 HOUSING & EQUIP	8	1.0	29,692	259,149	*	81,433
4000 PEOPLE AS INDIVIDUALS	9	1.3	18,599	261,934	*	2
4100 FAMILY MEMBERS	4	0.5	0	54,332	*	0
4200 FARM AS BUSINESS	4	1.4	13,694	192,221	*	0
4300 SOC POLIT ORGANIZ	7	1.8	13,240	217,503	*	2,206
4400 AGRIC ECONOMY U S	5	1.3	19,708	192,678	*	22
4500 AGRIC ECONOMY FORGN	3	0.7	14,042	78,720	*	0
4600 FARM COOPERATIVES	1	0.0	80	3,811	*	0
4700 OTH MARKET PROCESS	2	0.1	2,169	18,787	*	20
4800 MARKETING SYSTEMS	3	0.2	5,927	38,267	*	0
6100 WEEDS	9	0.9	40,309	185,011	*	31,595
6200 SEED RESEARCH	3	0.9	14,313	173,118	*	17,099
6300 BIO CELL SYSTEMS	5	0.8	10,183	274,887	*	0
6500 INVERTEBRATES	18	3.0	17,769	744,877	*	158,842
6600 MICROORGANISMS VIRUSES	15	2.8	52,155	811,913	*	123,307
6700 PLANTS	27	8.7	192,817	2,193,414	*	238,345
6800 ANIMALS(VERTEBRATES)	12	1.5	4,943	445,868	*	78,168
6900 RESEARCH ON RSCH MGMT	1	0.2	9,709	30,877	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.4	7,123	40,423	*	4
TOTAL		179.3	4,898,228	50,063,860	*	2,653,780

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- GUAM AGANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.4	25,154	88,132	*	0
0600 TIMBER FORST PRODUCT	5	1.0	93,783	93,783	*	0
0700 RANGE	1	0.1	0	1,878	*	1,878
0800 WILDLIFE AND FISH	1	0.1	0	31,777	*	31,777
0900 CITRUS SUB TROP FRUT	3	1.0	59,899	242,283	*	43,038
1000 FRUIT NUTS DECIDUOUS	1	0.2	8,944	30,287	*	0
1200 VEGETABLES	12	6.3	449,336	1,491,978	*	26,456
1300 ORNAMENTALS TURF	4	1.0	70,428	298,372	*	51,615
1900 PASTURE	1	0.4	0	5,929	*	5,629
2800 MISC NEW CROPS	1	0.2	8,944	30,287	*	0
2900 POULTRY	2	2.0	73,258	303,862	*	47,188
6100 WEEDS	1	0.8	0	19,990	*	19,990
6500 INVERTEBRATES	2	0.0	29,503	98,856	*	0
6600 MICROORGANISMS VIRUSES	1	0.0	0	2,099	*	2,069
TOTAL		13.1	815,918	2,708,880	*	229,638

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- HAWAII HONOLULU SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	17	4.3	108,196	928,314	*	136,284
0200 WATER	12	1.7	82,039	399,853	*	46,111
0300 WATERSHEDS RIVER BAS	2	0.1	0	29,464	*	4,802
0400 AIR AND CLIMATE	2	0.2	0	42,289	*	8,236
0600 TIMBER FORST PRODUCT	15	3.4	120,947	713,162	*	159,362
0700 RANGE	4	0.9	7,484	227,706	*	7,703
0800 WILDLIFE AND FISH	9	4.4	0	704,152	*	154,451
0900 CITRUS SUB TROP FRUT	50	13.3	173,301	3,315,826	*	826,261
1000 FRUIT NUTS DECIDUOUS	17	4.6	86,500	936,929	*	24,573
1200 VEGETABLES	60	15.8	204,204	4,095,628	*	447,528
1300 ORNAMENTALS TURF	30	9.9	209,398	2,104,335	*	286,474
1400 CORN	7	1.0	16,550	286,432	*	12,456
1600 RICE	1	0.1	6,357	17,829	*	0
1700 WHEAT	1	0.2	0	20,478	*	0
1900 PASTURE	1	0.2	0	22,816	*	0
2000 FORAGE CROPS	5	0.6	6,139	306,292	*	4,959
2300 SOYBEANS	1	0.1	0	20,300	*	5,825
2600 TOBACCO	1	0.0	0	21,794	*	21,794
2700 SUGAR CROPS	7	1.7	19,580	322,155	*	12,270
2800 MISC NEW CROPS	13	1.8	15,110	1,311,123	*	185,804
2900 POULTRY	6	0.9	15,088	175,037	*	7,806
3000 BEEF CATTLE	12	4.3	50,889	1,824,202	*	45,811
3100 DAIRY CATTLE	7	1.3	15,247	434,517	*	0
3200 SWINE	4	0.5	15,088	92,956	*	2,895
3300 SHEEP AND WOOL	4	1.1	18,853	397,325	*	23,158
3400 OTHER ANIMALS	2	0.8	0	104,774	*	0
3600 FARM SUPP & FACILITS	1	0.1	0	117,923	*	0
3800 FOOD	10	5.1	35,811	897,424	*	80,352
3900 HOUSING & EQUIP	3	0.9	17,784	183,984	*	98,824
4000 PEOPLE AS INDIVIDUALS	7	2.2	17,297	182,101	*	0
4100 FAMILY MEMBERS	4	0.9	5,508	121,140	*	0
4200 FARM AS BUSINESS	3	0.8	11,338	145,402	*	90,377
4400 AGRIC ECONOMY U S	1	1.0	6,352	76,863	*	0
4500 AGRIC ECONOMY FORGN	1	0.3	0	51,891	*	13,263
6100 WEEDS	2	0.9	8,178	182,471	*	37,922
6300 BIO CELL SYSTEMS	4	1.2	0	270,365	*	82,548
6500 INVERTEBRATES	3	0.3	1,289	16,182	*	7,627
6800 MICROORGANISMS VIRUSES	6	1.5	4,911	804,304	*	55,549
6700 PLANTS	15	2.7	51,483	508,119	*	85,140
6800 ANIMALS(VERTEBRATES)	3	0.4	0	212,251	*	7,806
6900 RESEARCH ON RSCH MGMT	2	0.0	0	33,933	*	33,933
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	0	9,549	*	0
TOTAL		91.4	1,310,698	22,009,588	*	2,797,501

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- IDAHO MOSCOW SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	13	3.3	71,681	872,800	*	137,298
0200 WATER	9	4.3	108,037	787,388	*	88,390
0300 WATERSHEDS RIVER BAS	1	0.4	9,681	71,930	*	0
0400 AIR AND CLIMATE	1	1.5	30,179	202,855	*	35,228
0500 RECREATION RESOURCES	1	0.1	3,062	20,053	*	0
0600 TIMBER FORST PRODUCT	3	2.1	27,535	225,813	*	0
0700 RANGE	2	0.5	16,928	181,813	*	23,685
0800 WILDLIFE AND FISH	1	0.0	895	2,825	*	0
1000 FRUIT NUTS DECIDUOUS	7	5.3	91,089	917,020	*	25,025
1100 POTATOES	21	12.8	176,825	2,113,823	*	449,848
1200 VEGETABLES	17	7.8	141,980	1,468,238	*	173,630
1300 ORNAMENTALS TURF	3	0.4	3,635	46,972	*	11,857
1400 CORN	2	0.1	2,772	28,798	*	0
1500 GRAIN SORGHUM	1	0.1	1,285	14,331	*	0
1700 WHEAT	33	13.5	239,360	2,515,712	*	516,967
1800 OTHER SMALL GRAINS	15	4.8	84,235	737,112	*	110,505
1900 PASTURE	1	0.0	291	1,187	*	0
2000 FORAGE CROPS	9	2.0	33,596	427,788	*	56,944
2100 COTTON	1	0.1	1,285	14,331	*	0
2300 SOYBEANS	1	0.1	1,285	14,331	*	0
2500 OTHER OILSEED CROPS	10	6.2	164,270	1,047,559	*	298,788
2700 SUGAR CROPS	8	2.2	42,982	449,687	*	12,172
3000 BEEF CATTLE	24	8.8	176,932	1,351,880	*	15,887
3100 DAIRY CATTLE	13	3.9	125,848	576,880	*	0
3200 SWINE	3	0.2	3,607	35,224	*	0
3300 SHEEP AND WOOL	9	3.8	107,701	854,187	*	14,447
3400 OTHER ANIMALS	2	1.5	41,451	224,880	*	0
3600 FARM SUPP & FACILITS	2	0.3	5,847	35,739	*	0
3800 FOOD	8	1.7	35,987	557,812	*	81,718
3900 HOUSING & EQUIP	1	0.8	8,950	77,312	*	13,836
4000 PEOPLE AS INDIVIDUALS	9	0.7	20,627	130,904	*	0
4100 FAMILY MEMBERS	3	0.2	3,794	18,489	*	0
4200 FARM AS BUSINESS	1	0.0	1,732	9,503	*	0
4300 SOC POLIT ORGANIZ	4	1.1	21,397	139,271	*	12,890
4800 MARKETING SYSTEMS	1	0.1	2,485	16,436	*	0
6100 WEEDS	2	0.8	18,320	175,232	*	32,778
6200 SEED RESEARCH	2	0.9	38,700	221,260	*	0
6300 BIO CELL SYSTEMS	1	0.5	5,542	84,339	*	0
6400 EXP DESIGN/STAT METHOD	1	0.2	29,807	29,807	*	0
6600 MICROORGANISMS VIRUSES	10	4.0	80,810	720,649	*	125,598
6700 PLANTS	10	3.2	28,686	554,364	*	148,143
6800 ANIMALS(VERTEBRATES)	3	0.8	30,362	189,157	*	2,381
7000 RSCH EQUIP & TECHNOLOGY	2	0.3	16,449	84,507	*	0
TOTAL		99.1	2,035,840	17,849,754	*	2,387,988

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ILLINOIS URBANA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	28	9.5	181,948	1,832,898	*	278,725
0200 WATER	14	3.4	103,948	557,889	*	82,308
0300 WATERSHEDS RIVER BAS	6	0.8	53,543	300,801	*	18,785
0400 AIR AND CLIMATE	2	0.0	68,929	77,127	*	0
0800 TIMBER FORST PRODUCT	20	9.2	348,777	1,880,093	*	165,502
0700 RANGE	1	0.0	23,722	64,424	*	6,038
0800 WILDLIFE AND FISH	1	0.0	1,954	1,954	*	0
0900 CITRUS SUB TROP FRUT	1	0.2	4,522	40,337	*	180
1000 FRUIT NUTS DECIDUOUS	8	3.2	85,232	645,061	*	5,062
1100 POTATOES	1	0.5	8,338	45,227	*	0
1200 VEGETABLES	18	6.7	253,075	1,159,928	*	17,090
1300 ORNAMENTALS TURF	12	3.7	113,770	704,069	*	0
1400 CORN	56	19.5	674,870	4,785,957	*	613,533
1500 GRAIN SORGHUM	1	0.7	4,736	48,152	*	1,592
1700 WHEAT	13	2.0	49,879	370,509	*	20,074
1800 OTHER SMALL GRAINS	7	1.5	59,860	345,203	*	10,990
2000 FORAGE CROPS	13	4.0	126,369	791,905	*	24,849
2100 COTTON	1	0.2	8,979	20,463	*	0
2300 SOYBEANS	45	14.2	520,085	3,404,283	*	270,859
2500 OTHER OILSEED CROPS	2	1.0	24,092	292,435	*	1,419
2600 TOBACCO	2	0.7	11,240	72,497	*	0
2700 SUGAR CROPS	1	0.4	12,686	107,908	*	6,531
2800 MISC NEW CROPS	2	0.6	24,334	135,192	*	0
2900 POULTRY	12	4.3	185,068	1,882,465	*	26,381
3000 BEEF CATTLE	22	6.9	244,528	2,485,699	*	326,183
3100 DAIRY CATTLE	24	8.4	351,782	3,158,947	*	53,812
3200 SWINE	36	11.0	433,827	3,807,251	*	329,209
3300 SHEEP AND WOOL	4	0.7	39,744	231,731	*	0
3400 OTHER ANIMALS	5	1.3	68,905	481,725	*	0
3500 BEES AND HONEY	3	0.4	7,424	16,485	*	0
3600 FARM SUPP & FACILITS	2	1.7	33,428	299,895	*	16,885
3700 CLOTHING & TEXTILES	5	1.0	60,317	190,328	*	0
3800 FOOD	11	2.1	117,612	583,683	*	114,884
3900 HOUSING & EQUIP	1	1.6	18,517	204,059	*	0
4000 PEOPLE AS INDIVIDUALS	18	4.3	140,983	908,774	*	0
4100 FAMILY MEMBERS	14	4.5	100,685	683,251	*	0
4200 FARM AS BUSINESS	4	2.2	137,669	498,088	*	0
4300 SOC POLIT ORGANIZ	7	3.1	82,191	324,389	*	4,770
4400 AGRIC ECONOMY U S	4	1.7	80,282	383,523	*	61,922
4800 MARKETING SYSTEMS	2	0.5	13,312	120,189	*	8,313
6100 WEEDS	3	0.4	11,515	82,575	*	15,298
6300 BIO CELL SYSTEMS	4	1.3	15,818	555,188	*	23,757
6400 EXP DESIGN/STAT METHOD	2	0.4	23,575	127,490	*	0
6500 INVERTEBRATES	8	2.4	90,105	321,188	*	66,890
6600 MICROORGANISMS VIRUSES	10	4.4	91,097	905,321	*	123,469
6700 PLANTS	14	4.8	99,345	754,148	*	110,882
6800 ANIMALS(VERTEBRATES)	12	2.2	49,429	788,140	*	158,498
6900 RESEARCH ON RSCH MGMT	2	0.3	101,844	115,730	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	1.0	26,266	161,817	*	39,185
TOTAL		154.8	5,349,710	37,530,179	*	2,999,252

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- INDIANA LAFAYETTE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	32	6.8	228,910	2,040,037	*	385,285
0200 WATER	17	2.1	71,649	734,784	*	170,913
0300 WATERSHEDS RIVER BAS	5	0.8	17,310	383,299	*	78,177
0400 AIR AND CLIMATE	7	0.9	46,577	285,218	*	15,501
0500 RECREATION RESOURCES	2	0.7	19,036	230,146	*	31,021
0600 TIMBER FORST PRODUCT	28	7.4	325,173	2,102,843	*	120,017
0800 WILDLIFE AND FISH	18	4.1	51,070	1,295,241	*	192,750
0900 CITRUS SUB TROP FRUT	1	0.1	1,936	8,587	*	5
1000 FRUIT NUTS DECIDUOUS	13	3.2	104,323	1,156,309	*	67,923
1100 POTATOES	6	1.5	12,852	286,875	*	39,458
1200 VEGETABLES	24	7.2	246,338	2,281,179	*	178,585
1300 ORNAMENTALS TURF	10	2.0	48,588	668,820	*	24,183
1400 CORN	52	12.2	391,134	4,615,537	*	145,752
1500 GRAIN SORGHUM	12	4.4	85,204	1,890,791	*	18,029
1600 RICE	2	0.5	34,058	318,141	*	959
1700 WHEAT	23	3.5	154,780	1,046,711	*	49,740
1800 OTHER SMALL GRAINS	4	0.8	20,421	187,117	*	925
1900 PASTURE	1	0.0	91	7,313	*	696
2000 FORAGE CROPS	12	0.9	35,418	490,772	*	12,797
2300 SOYBEANS	31	5.8	136,704	1,687,318	*	38,293
2500 OTHER OILSEED CROPS	1	0.2	2,330	89,528	*	770
2700 SUGAR CROPS	2	0.3	2,389	66,993	*	5,317
2800 MISC NEW CROPS	6	2.5	58,528	982,815	*	52,667
2900 POULTRY	24	5.0	236,747	1,321,682	*	65,444
3000 BEEF CATTLE	31	6.8	253,090	3,168,200	*	25,320
3100 DAIRY CATTLE	27	5.8	246,151	2,226,123	*	91,819
3200 SWINE	42	10.4	338,182	3,001,900	*	79,678
3300 SHEEP AND WOOL	7	0.2	25,465	310,678	*	11,641
3400 OTHER ANIMALS	19	2.7	105,887	771,788	*	527
3500 BEES AND HONEY	1	0.0	0	37,238	*	17,233
3600 FARM SUPP & FACILITS	3	0.9	65,179	251,748	*	4,196
3700 CLOTHING & TEXTILES	1	0.5	7,642	68,686	*	46
3800 FOOD	19	7.5	246,254	1,932,159	*	218,340
3900 HOUSING & EQUIP	5	1.0	38,978	330,805	*	5,373
4000 PEOPLE AS INDIVIDUALS	13	2.0	84,227	377,827	*	1,599
4100 FAMILY MEMBERS	6	1.2	48,678	176,064	*	121
4200 FARM AS BUSINESS	7	1.7	110,112	266,300	*	181
4300 SOC POLIT ORGANIZ	7	1.4	82,964	297,987	*	34,720
4400 AGRIC ECONOMY U S	4	0.8	42,229	153,522	*	34,620
4500 AGRIC ECONOMY FORGN	3	1.7	87,914	307,785	*	108,209
4600 FARM COOPERATIVES	1	0.0	497	16,254	*	7,894
4700 OTH MARKET PROCESS	1	0.2	1,988	65,014	*	31,575
4800 MARKETING SYSTEMS	8	1.6	40,706	253,472	*	57,065
6100 WEEDS	6	0.9	5,800	251,400	*	13,881
6200 SEED RESEARCH	1	0.3	937	40,310	*	13,316
6300 BIO CELL SYSTEMS	10	5.1	130,330	2,128,044	*	123,297
6400 EXP DESIGN/STAT METHOD	1	0.3	5,332	38,083	*	25
6500 INVERTEBRATES	11	4.6	73,940	1,302,593	*	194,858
6600 MICROORGANISMS VIRUSES	15	4.8	113,218	1,465,369	*	30,530
6700 PLANTS	34	9.0	323,277	2,903,479	*	271,952
6800 ANIMALS(VERTEBRATES)	24	5.6	109,718	1,787,546	*	8,171
7000 RSCH EQUIP & TECHNOLOGY	7	1.0	18,879	547,769	*	9,651
TOTAL		150.4	4,936,991	48,627,948	*	3,069,219

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- IOWA AMES SAES

	CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100	SOIL AND LAND	38	8.4	189,240	2,944,105	*	129,221
0200	WATER	21	4.4	88,922	1,407,442	*	126,082
0300	WATERSHEDS RIVER BAS	6	1.2	11,491	291,715	*	42,992
0400	AIR AND CLIMATE	4	1.9	80,585	328,798	*	15,838
0500	RECREATION RESOURCES	1	0.2	0	42,929	*	0
0600	TIMBER FORST PRODUCT	19	5.0	172,627	1,889,999	*	79,715
0700	RANGE	1	0.0	0	1,251	*	0
0800	WILDLIFE AND FISH	13	2.7	21,677	1,487,132	*	294
0900	CITRUS SUB TROP FRUT	1	0.1	532	16,183	*	0
1000	FRUIT NUTS DECIDUOUS	9	1.4	19,900	217,377	*	2,276
1100	POTATOES	2	0.8	24,190	148,511	*	0
1200	VEGETABLES	15	2.9	282,689	941,074	*	7,160
1300	ORNAMENTALS TURF	6	2.1	95,678	528,848	*	1,549
1400	CORN	79	22.9	820,740	7,813,361	*	569,879
1700	WHEAT	8	0.7	22,694	134,517	*	12,418
1800	OTHER SMALL GRAINS	15	3.0	144,522	1,268,868	*	14,053
1900	PASTURE	3	0.2	3,110	58,412	*	979
2000	FORAGE CROPS	15	3.5	209,948	939,848	*	57,094
2300	SOYBEANS	59	15.4	418,897	5,224,245	*	688,351
2500	OTHER OILSEED CROPS	10	1.1	82,080	391,686	*	19,351
2800	MISC NEW CROPS	4	0.1	58,207	142,608	*	1,546
2900	POULTRY	21	3.1	243,803	1,301,513	*	118,678
3000	BEEF CATTLE	45	10.3	484,168	4,158,795	*	393,372
3100	DAIRY CATTLE	23	5.2	405,145	2,907,604	*	56,753
3200	SWINE	59	16.8	878,039	6,852,693	*	395,204
3300	SHEEP AND WOOL	5	0.5	29,729	223,721	*	21,882
3400	OTHER ANIMALS	8	1.8	75,205	425,998	*	19
3700	CLOTHING & TEXTILES	1	0.0	10,718	11,547	*	0
3800	FOOD	12	3.7	34,879	1,840,828	*	1,391,403
3900	HOUSING & EQUIP	4	0.3	5,841	32,933	*	0
4000	PEOPLE AS INDIVIDUALS	20	4.3	43,207	983,989	*	4,810
4100	FAMILY MEMBERS	14	11.1	40,747	5,121,427	*	2,490
4200	FARM AS BUSINESS	14	1.3	38,482	409,759	*	24,007
4300	SOC POLIT ORGANIZ	19	4.9	117,568	976,014	*	94,360
4400	AGRIC ECONOMY U S	12	3.0	49,544	1,027,812	*	725,671
4500	AGRIC ECONOMY FORGN	8	2.8	2,049	842,685	*	822,242
4700	OTH MARKET PROCESS	1	0.1	2,361	10,894	*	234
8100	WEEDS	1	0.0	0	1,212	*	0
8200	SEED RESEARCH	3	1.0	8,498	221,467	*	16,532
8300	BIO CELL SYSTEMS	11	3.3	78,419	944,556	*	0
8400	EXP DESIGN/STAT METHOD	5	1.0	3,139	196,369	*	10,423
8500	INVERTEBRATES	9	3.6	103,029	1,032,084	*	74,331
8600	MICROORGANISMS VIRUSES	11	3.1	100,700	689,115	*	110,430
8700	PLANTS	22	5.1	78,001	1,349,849	*	238,270
8800	ANIMALS(VERTEBRATES)	19	3.4	93,799	1,058,493	*	121,593
8900	RESEARCH ON RSCH MGMT	2	0.2	5,103	48,814	*	8,572
7000	RSCH EQUIP & TECHNOLOGY	4	0.7	8,793	188,771	*	90,659
TOTAL			197.4	5,917,157	58,263,009	*	6,462,795

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- KANSAS MANHATTAN SAES

	CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100	SOIL AND LAND	22	7.0	106,963	1,639,578	*	89,958
0200	WATER	30	10.0	92,870	1,888,518	*	97,457
0400	AIR AND CLIMATE	2	0.9	28,825	185,234	*	0
0600	TIMBER FORST PRODUCT	8	2.2	160,553	505,674	*	0
0700	RANGE	10	7.1	78,048	1,992,481	*	458
0800	WILDLIFE AND FISH	2	0.8	7,954	88,144	*	0
1000	FRUIT NUTS DECIDUOUS	10	1.4	45,364	403,331	*	0
1100	POTATOES	2	0.0	0	21,013	*	0
1200	VEGETABLES	12	3.8	85,575	614,819	*	20,655
1300	ORNAMENTALS TURF	6	3.6	33,897	618,463	*	0
1400	CORN	31	9.1	176,787	1,831,332	*	43,448
1500	GRAIN SORGHUM	36	10.5	158,069	2,126,489	*	33,742
1800	RICE	3	1.8	29,567	315,272	*	0
1700	WHEAT	73	28.3	417,153	7,018,507	*	715,421
1800	OTHER SMALL GRAINS	15	3.7	19,291	736,682	*	35,033
2000	FORAGE CROPS	17	9.2	99,928	1,241,410	*	125,428
2300	SOYBEANS	19	7.0	78,205	1,231,852	*	40,093
2500	OTHER OILSEED CROPS	8	1.9	1,876	436,893	*	87,769
2900	POULTRY	4	2.1	51,230	827,870	*	0
3000	BEEF CATTLE	53	18.0	469,429	5,921,586	*	633,659
3100	DAIRY CATTLE	32	5.8	307,198	1,844,520	*	88,000
3200	SWINE	33	8.4	275,744	2,238,005	*	90,972
3300	SHEEP AND WOOL	6	3.3	115,173	984,036	*	0
3400	OTHER ANIMALS	8	2.4	14,527	480,123	*	0
3800	FARM SUPP & FACILITS	1	0.5	0	56,318	*	0
3700	CLOTHING & TEXTILES	1	0.2	1,139	23,804	*	0
3800	FOOD	10	4.7	87,429	1,088,853	*	0
4000	PEOPLE AS INDIVIDUALS	11	3.9	37,813	436,082	*	0
4100	FAMILY MEMBERS	6	1.1	31,888	118,102	*	0
4300	SOC POLIT ORGANIZ	7	3.3	82,515	391,753	*	0
4400	AGRIC ECONOMY U S	1	0.0	0	20,104	*	20,104
4800	MARKETING SYSTEMS	1	0.0	0	2,978	*	0
8100	WEEDS	2	1.0	0	172,181	*	0
8200	SEED RESEARCH	2	0.2	0	38,712	*	0
8300	BIO CELL SYSTEMS	2	0.1	0	12,788	*	0
8400	EXP DESIGN/STAT METHOD	1	4.1	0	540,254	*	25,763
8500	INVERTEBRATES	6	0.1	0	148,034	*	128,845
8600	MICROORGANISMS VIRUSES	9	0.7	5,881	384,545	*	285,848
8700	PLANTS	20	6.7	171,152	1,085,472	*	56,423
8800	ANIMALS(VERTEBRATES)	29	9.7	203,190	2,081,085	*	54,198
8900	RESEARCH ON RSCH MGMT	1	0.3	0	51,188	*	0
7000	RSCH EQUIP & TECHNOLOGY	1	0.0	0	80,764	*	0
TOTAL			178.5	3,448,892	41,511,987	*	2,973,382

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- KENTUCKY LEXINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	21	6.9	291,876	1,580,899	*	109,284
0200 WATER	13	1.6	137,225	673,002	*	77,852
0300 WATERSHEDS RIVER BAS	4	0.4	10,214	106,436	*	18,997
0400 AIR AND CLIMATE	1	0.6	28,237	124,882	*	0
0500 RECREATION RESOURCES	1	0.2	4,956	42,884	*	0
0600 TIMBER FORST PRODUCT	10	5.9	259,300	1,238,075	*	116,119
0700 RANGE	1	0.1	7,201	47,264	*	12,091
0800 WILDLIFE AND FISH	2	0.9	74,845	192,222	*	17,299
1000 FRUIT NUTS DECIDUOUS	4	1.6	96,789	418,757	*	0
1200 VEGETABLES	14	6.2	265,287	1,478,811	*	58,731
1300 ORNAMENTALS TURF	8	2.1	179,848	662,181	*	84,311
1400 CORN	13	2.3	97,139	725,073	*	25,732
1500 GRAIN SORGHUM	1	0.1	489	29,112	*	0
1700 WHEAT	4	0.6	34,477	155,559	*	4,251
1800 OTHER SMALL GRAINS	2	0.9	39,035	213,231	*	12,184
1900 PASTURE	2	0.5	13,144	110,281	*	0
2000 FORAGE CROPS	15	7.0	337,684	1,924,259	*	117,348
2300 SOYBEANS	15	6.4	315,480	1,973,636	*	52,884
2600 TOBACCO	16	8.8	240,950	2,655,213	*	335,578
2800 MISC NEW CROPS	1	0.0	3,473	22,683	*	0
2900 POULTRY	5	1.3	92,497	454,890	*	7,347
3000 BEEF CATTLE	23	7.1	359,534	2,279,104	*	155,937
3100 DAIRY CATTLE	17	5.2	349,791	1,501,844	*	29,836
3200 SWINE	14	3.2	206,243	1,163,724	*	117,185
3300 SHEEP AND WOOL	5	1.6	127,529	426,311	*	0
3400 OTHER ANIMALS	19	20.1	403,609	3,257,973	*	72,674
3500 BEES AND HONEY	1	0.6	32,683	113,692	*	0
3700 CLOTHING & TEXTILES	1	0.5	0	56,166	*	0
3800 FOOD	5	2.8	76,607	520,623	*	63,397
3900 HOUSING & EQUIP	3	1.5	24,118	106,003	*	0
4000 PEOPLE AS INDIVIDUALS	4	1.9	51,074	275,015	*	0
4100 FAMILY MEMBERS	5	2.8	39,846	298,617	*	0
4200 FARM AS BUSINESS	4	2.8	84,078	367,401	*	0
4300 SOC POLIT ORGANIZ	7	1.6	58,472	221,690	*	0
4400 AGRIC ECONOMY U S	1	0.3	12,926	68,746	*	0
4500 AGRIC ECONOMY FORGN	1	0.1	0	37,292	*	37,292
4700 OTH MARKET PROCESS	1	0.2	8,684	36,325	*	0
4900 MARKETING SYSTEMS	1	0.7	9,993	112,064	*	0
6100 WEEDS	2	1.0	69,332	290,554	*	1,820
6300 BIO CELL SYSTEMS	1	0.6	0	56,166	*	0
6400 EXP DESIGN/STAT METHOD	2	0.8	23,429	102,205	*	0
6500 INVERTEBRATES	7	2.6	200,575	515,161	*	151,505
6600 MICROORGANISMS VIRUSES	9	1.1	82,412	293,119	*	81,161
6700 PLANTS	11	5.1	217,133	1,396,202	*	92,087
6800 ANIMALS(VERTEBRATES)	2	0.5	2,602	63,595	*	0
TOTAL		119.2	4,970,815	28,386,702	*	1,850,702

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- LOUISIANA BATON ROUGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	28	5.8	212,061	1,008,933	*	70,129
0200 WATER	7	1.0	34,840	218,285	*	22,376
0300 WATERSHEDS RIVER BAS	4	0.4	6,417	88,805	*	0
0400 AIR AND CLIMATE	4	1.1	23,895	183,445	*	364
0500 RECREATION RESOURCES	4	0.5	14,250	45,379	*	2,943
0600 TIMBER FORST PRODUCT	31	9.1	371,654	1,565,807	*	83,345
0700 RANGE	2	0.1	0	30,704	*	0
0800 WILDLIFE AND FISH	33	12.6	183,951	3,210,407	*	380,292
0900 CITRUS SUB TROP FRUT	6	1.1	526	182,643	*	3,000
1000 FRUIT NUTS DECIDUOUS	18	5.5	30,542	886,393	*	24,008
1100 POTATOES	2	0.7	26,417	104,246	*	0
1200 VEGETABLES	35	15.7	162,943	2,501,469	*	21,964
1300 ORNAMENTALS TURF	9	4.9	56,402	679,357	*	0
1400 CORN	17	2.7	49,800	427,422	*	2,288
1500 GRAIN SORGHUM	11	1.3	8,907	371,085	*	61
1600 RICE	38	17.0	157,044	2,662,973	*	29,932
1700 WHEAT	19	3.6	41,816	814,408	*	183
1800 OTHER SMALL GRAINS	6	0.7	13,213	109,004	*	61
1900 PASTURE	5	0.1	4,494	223,075	*	0
2000 FORAGE CROPS	33	7.3	36,890	1,353,210	*	149
2100 COTTON	31	15.3	202,732	2,335,278	*	41,102
2300 SOYBEANS	44	13.4	238,836	2,389,578	*	40,273
2400 PEANUTS	1	0.2	7,728	43,948	*	0
2500 OTHER OILSEED CROPS	2	0.3	0	30,841	*	0
2700 SUGAR CROPS	27	10.6	74,982	1,974,199	*	17,517
2800 MISC NEW CROPS	6	1.6	33,230	189,203	*	0
2900 POULTRY	11	4.6	144,721	1,026,147	*	3,448
3000 BEEF CATTLE	49	15.9	297,330	3,510,013	*	27,927
3100 DAIRY CATTLE	35	12.0	226,880	3,275,958	*	21,897
3200 SWINE	7	1.9	81,485	640,911	*	317
3300 SHEEP AND WOOL	7	1.2	61,915	267,557	*	317
3400 OTHER ANIMALS	11	3.1	116,542	788,406	*	317
3600 FARM SUPP & FACILITS	1	0.1	2,848	7,172	*	0
3700 CLOTHING & TEXTILES	4	0.6	12,807	74,417	*	0
3800 FOOD	4	0.6	27,036	80,672	*	0
3900 HOUSING & EQUIP	2	1.3	1,142	197,889	*	0
4000 PEOPLE AS INDIVIDUALS	9	2.6	73,429	318,990	*	728
4100 FAMILY MEMBERS	5	1.9	62,947	202,946	*	1,394
4200 FARM AS BUSINESS	6	1.3	39,531	128,498	*	0
4300 SOC POLIT ORGANIZ	6	7.3	51,567	417,225	*	2,090
4400 AGRIC ECONOMY U S	5	0.9	23,959	74,738	*	12,348
4500 AGRIC ECONOMY FORGN	1	0.0	213	4,153	*	575
4600 FARM COOPERATIVES	1	0.2	3,047	11,339	*	0
4800 MARKETING SYSTEMS	1	0.1	1,219	4,536	*	0
6100 WEEDS	3	0.3	1,824	72,951	*	6
6200 SEED RESEARCH	3	0.6	16,965	85,662	*	0
6400 EXP DESIGN/STAT METHOD	4	1.7	10,916	285,256	*	3,972
6500 INVERTEBRATES	6	1.9	9,288	230,957	*	0
6600 MICROORGANISMS VIRUSES	4	1.1	30,992	134,764	*	210
6700 PLANTS	12	2.8	25,913	733,147	*	41,787
6800 ANIMALS(VERTEBRATES)	6	1.3	28,474	274,069	*	0
6900 RESEARCH ON RSCH MGMT	3	0.5	59,003	100,594	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.5	0	107,732	*	364
TOTAL		199.0	3,405,360	36,686,789	*	857,678

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- MAINE ORONO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	11	4.5	87,789	689,216	*	62,216
0200 WATER	3	0.5	4,202	73,600	*	2,623
0300 WATERSHEDS RIVER BAS	2	0.5	16,255	47,977	*	5,361
0400 AIR AND CLIMATE	1	0.1	6,037	8,263	*	0
0500 RECREATION RESOURCES	2	1.4	67,653	175,484	*	16,084
0600 TIMBER FORST PRODUCT	40	14.2	479,130	3,130,791	*	405,597
0800 WILDLIFE AND FISH	19	6.7	394,153	2,036,593	*	26,432
1000 FRUIT NUTS DECIDUOUS	9	3.0	158,771	1,021,090	*	185,704
1100 POTATOES	20	11.0	476,728	2,607,539	*	401,901
1200 VEGETABLES	3	0.7	54,611	156,779	*	10,636
1300 ORNAMENTALS TURF	2	0.2	10,238	44,200	*	0
1400 CORN	2	0.2	5,430	56,716	*	11,037
1800 OTHER SMALL GRAINS	1	0.1	5,430	8,670	*	0
2000 FORAGE CROPS	3	0.6	49,702	136,913	*	11,037
2900 POULTRY	2	0.3	20,783	105,505	*	8,376
3100 DAIRY CATTLE	3	1.4	99,195	901,735	*	0
3500 BEES AND HONEY	1	0.3	10,720	45,647	*	0
3600 FARM SUPP & FACILITS	1	0.6	53,758	101,551	*	0
3800 FOOD	6	2.2	87,123	386,590	*	37,158
4200 FARM AS BUSINESS	2	0.8	45,910	106,152	*	10,021
4300 SOC POLIT ORGANIZ	3	1.8	64,628	165,767	*	8,911
6500 INVERTEBRATES	1	0.8	0	159,359	*	32,102
6700 PLANTS	1	0.0	0	15,232	*	9,973
6800 ANIMALS(VERTEBRATES)	1	0.0	30,178	75,962	*	0
TOTAL		51.9	2,228,422	12,257,330	*	1,245,169

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- MARYLAND COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	13	2.5	98,993	888,110	*	5,940
0200 WATER	8	1.1	41,567	367,983	*	7,560
0300 WATERSHEDS RIVER BAS	6	1.5	79,450	532,554	*	0
0400 AIR AND CLIMATE	1	0.0	30,971	283,388	*	0
0500 RECREATION RESOURCES	2	0.2	8,548	59,872	*	0
0600 TIMBER FORST PRODUCT	8	1.7	177,087	580,264	*	80,586
0800 WILDLIFE AND FISH	18	3.1	85,924	1,219,453	*	435,143
1000 FRUIT NUTS DECIDUOUS	7	1.6	90,544	854,905	*	0
1100 POTATOES	3	0.6	17,283	104,442	*	0
1200 VEGETABLES	16	4.1	187,012	1,382,404	*	0
1300 ORNAMENTALS TURF	3	3.0	89,525	1,085,431	*	0
1400 CORN	7	2.1	93,100	749,446	*	4,500
1600 RICE	1	0.0	1,383	7,419	*	0
1700 WHEAT	7	1.1	37,208	462,834	*	0
1800 OTHER SMALL GRAINS	5	1.1	41,482	345,581	*	0
1900 PASTURE	1	0.1	4,377	39,344	*	0
2000 FORAGE CROPS	5	1.9	141,341	998,502	*	25,714
2300 SOYBEANS	16	2.5	109,554	1,079,704	*	47,940
2500 OTHER OILSEED CROPS	2	0.6	24,474	102,448	*	0
2600 TOBACCO	3	1.0	15,838	215,971	*	0
2800 MISC NEW CROPS	1	0.1	0	51,325	*	0
2900 POULTRY	16	6.8	469,262	2,003,797	*	80,240
3000 BEEF CATTLE	4	0.9	43,129	298,126	*	0
3100 DAIRY CATTLE	8	3.5	175,227	1,171,497	*	0
3200 SWINE	3	0.4	39,898	88,352	*	0
3300 SHEEP AND WOOL	1	0.0	6,494	31,834	*	0
3400 OTHER ANIMALS	3	2.1	56,185	394,054	*	0
3800 FOOD	4	0.2	22,427	317,292	*	0
3900 HOUSING & EQUIP	2	0.0	0	25,070	*	4,530
4000 PEOPLE AS INDIVIDUALS	2	0.4	11,782	169,562	*	0
4200 FARM AS BUSINESS	3	0.3	35,266	93,351	*	0
4300 SOC POLIT ORGANIZ	3	0.0	12,691	67,069	*	33,692
4400 AGRIC ECONOMY U S	5	0.8	50,617	394,957	*	101,076
4500 AGRIC ECONOMY FORGN	1	0.1	10,090	17,784	*	0
4800 MARKETING SYSTEMS	2	0.2	7,698	179,847	*	0
6100 WEEDS	2	1.0	32,649	323,401	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	7,219	23,555	*	0
6500 INVERTEBRATES	9	1.1	105,655	387,416	*	30,421
6600 MICROORGANISMS VIRUSES	8	1.1	55,962	748,747	*	62,864
6700 PLANTS	11	1.6	59,937	846,581	*	83,778
6800 ANIMALS(VERTEBRATES)	4	0.0	0	86,171	*	37,868
7000 RSCH EQUIP & TECHNOLOGY	1	0.4	0	146,380	*	0
TOTAL		51.1	2,557,823	19,185,802	*	1,035,850

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- MASSACHUSETTS AMHERST SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	4	0.3	28,627	67,403	*	0
0200 WATER	5	1.1	59,812	238,008	*	52,972
0300 WATERSHEDS RIVER BAS	2	0.7	31,390	98,868	*	0
0500 RECREATION RESOURCES	2	0.2	14,802	19,826	*	0
0600 TIMBER FORST PRODUCT	10	4.0	177,987	419,223	*	14,578
0800 WILDLIFE AND FISH	3	0.9	58,925	210,982	*	24,971
1000 FRUIT NUTS DECIDUOUS	16	5.6	335,063	1,569,747	*	312,902
1100 POTATOES	2	0.4	56,438	123,021	*	26,108
1200 VEGETABLES	14	2.7	178,079	683,048	*	168,617
1300 ORNAMENTALS TURF	7	3.7	151,029	490,044	*	4,999
1400 CORN	4	1.6	69,472	328,022	*	34,439
2000 FORAGE CROPS	2	0.3	16,562	82,750	*	28,903
2600 TOBACCO	2	0.2	9,035	37,941	*	0
2900 POULTRY	4	1.9	92,129	228,309	*	0
3100 DAIRY CATTLE	7	3.4	214,134	1,039,254	*	56,232
3400 OTHER ANIMALS	2	0.9	65,163	159,001	*	0
3600 FARM SUPP & FACILITS	2	0.2	0	31,809	*	31,809
3700 CLOTHING & TEXTILES	1	0.3	13,105	18,694	*	0
3800 FOOD	11	3.7	193,538	625,725	*	21,189
4000 PEOPLE AS INDIVIDUALS	5	0.9	67,435	97,907	*	0
4300 SOC POLIT ORGANIZ	5	0.9	74,640	365,194	*	100,390
4400 AGRIC ECONOMY U S	1	0.6	32,066	114,762	*	4,188
4700 OTH MARKET PROCESS	1	0.1	7,599	8,286	*	0
6300 BIO CELL SYSTEMS	1	0.1	8,157	22,299	*	0
6500 INVERTEBRATES	11	5.8	195,651	1,047,713	*	237,152
6600 MICROORGANISMS VIRUSES	5	1.0	60,175	233,963	*	40,560
6800 ANIMALS(VERTEBRATES)	3	0.8	37,881	260,522	*	0
TOTAL		42.4	2,248,873	8,623,314	*	1,160,030

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- MICHIGAN LANSING SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	40	9.4	293,915	3,471,726	*	329,252
0200 WATER	28	3.5	124,127	1,343,651	*	299,828
0400 AIR AND CLIMATE	4	0.6	60,017	349,322	*	0
0500 RECREATION RESOURCES	6	2.0	8,953	646,250	*	79,168
0600 TIMBER FORST PRODUCT	34	10.5	213,811	4,116,781	*	982,045
0800 WILDLIFE AND FISH	23	4.3	136,287	2,571,711	*	822,068
1000 FRUIT NUTS DECIOUOUS	35	9.5	303,230	3,746,112	*	408,045
1100 POTATOES	11	3.0	47,471	1,523,695	*	346,333
1200 VEGETABLES	26	8.0	279,037	2,428,979	*	225,650
1300 ORNAMENTALS TURF	9	2.7	75,506	1,231,075	*	1,488
1400 CORN	15	1.8	92,482	408,300	*	30,906
1600 RICE	1	0.1	7,899	24,432	*	0
1700 WHEAT	5	1.3	39,225	407,555	*	42,379
1800 OTHER SMALL GRAINS	5	0.8	20,068	463,598	*	22,339
2000 FORAGE CROPS	11	1.9	133,434	637,235	*	45,400
2300 SOYBEANS	11	1.4	59,698	330,475	*	37,202
2500 OTHER OILSEED CROPS	5	1.0	49,087	284,161	*	3,096
2600 TOBACCO	3	0.0	0	34,565	*	29,317
2700 SUGAR CROPS	2	0.1	0	201,225	*	173,236
2800 MISC NEW CROPS	1	1.7	0	2,512,875	*	2,443,831
2900 POULTRY	17	3.8	80,880	979,017	*	244,475
3000 BEEF CATTLE	15	3.8	81,474	1,549,656	*	54,100
3100 DAIRY CATTLE	37	8.3	523,324	2,755,813	*	112,038
3200 SWINE	18	4.6	265,048	1,143,197	*	112,618
3300 SHEEP AND WOOL	2	0.3	30,818	150,030	*	0
3400 OTHER ANIMALS	3	0.4	13,277	435,009	*	0
3500 BEES AND HONEY	2	0.5	0	154,919	*	0
3600 FARM SUPP & FACILITS	3	1.1	54,949	194,914	*	0
3700 CLOTHING & TEXTILES	1	0.3	0	29,471	*	0
3800 FOOD	33	11.8	449,921	2,510,358	*	152,241
3900 HOUSING & EQUIP	1	0.3	0	38,151	*	0
4000 PEOPLE AS INDIVIDUALS	19	5.8	182,851	1,245,574	*	9,561
4100 FAMILY MEMBERS	10	2.2	47,053	361,979	*	0
4200 FARM AS BUSINESS	7	2.0	72,343	209,131	*	0
4300 SOC POLIT ORGANIZ	9	2.5	71,920	490,490	*	23,798
4400 AGRIC ECONOMY U S	7	2.2	110,839	291,305	*	1,032
4500 AGRIC ECONOMY FORGN	1	3.8	0	3,155,819	*	0
4800 MARKETING SYSTEMS	3	1.2	60,891	168,576	*	0
6100 WEEDS	3	1.4	77,553	547,178	*	0
6300 BIO CELL SYSTEMS	7	3.3	89,578	1,554,584	*	0
6400 EXP DESIGN/STAT METHOD	3	0.7	22,613	95,300	*	0
6500 INVERTEBRATES	10	2.8	133,238	666,007	*	7,770
6600 MICROORGANISMS VIRUSES	12	2.7	31,233	1,000,204	*	317,732
6700 PLANTS	45	10.2	221,800	2,774,759	*	446,208
6800 ANIMALS(VERTEBRATES)	33	7.1	224,591	2,461,657	*	675,643
6900 RESEARCH ON RSCH MGMT	2	0.6	7,449	101,727	*	0
7000 RSCH EQUIP & TECHNOLOGY	4	1.5	47,156	857,313	*	72,333
TOTAL		148.4	4,826,821	52,653,839	*	8,550,930

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- MINNESOTA ST PAUL SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	33	8.8	168,002	3,820,238	*	881,032
0200 WATER	19	3.9	78,300	1,623,050	*	205,446
0300 WATERSHEDS RIVER BAS	4	0.3	19,371	287,783	*	19,703
0400 AIR AND CLIMATE	3	2.2	50,844	449,780	*	5,901
0500 RECREATION RESOURCES	2	0.9	14,581	804,101	*	79,300
0600 TIMBER FORST PRODUCT	33	20.9	848,321	9,034,392	*	521,435
0800 WILDLIFE AND FISH	10	4.0	53,314	1,283,788	*	39,908
1000 FRUIT NUTS DECIDUOUS	7	2.9	9,370	999,788	*	2,171
1100 POTATOES	19	8.9	139,218	2,077,043	*	173,822
1200 VEGETABLES	21	8.7	139,573	2,343,953	*	32,789
1300 ORNAMENTALS TURF	13	4.4	80,050	1,252,878	*	14,858
1400 CORN	41	11.5	410,988	3,771,491	*	287,283
1500 GRAIN SORGHUM	1	0.0	0	12,939	*	1,730
1900 RICE	2	1.9	0	175,149	*	82,309
1700 WHEAT	17	2.1	58,942	783,098	*	129,294
1800 OTHER SMALL GRAINS	16	4.5	157,389	1,895,298	*	83,928
1900 PASTURE	1	0.1	0	19,493	*	0
2000 FORAGE CROPS	18	3.9	197,231	1,498,744	*	118,000
2300 SOYBEANS	22	7.1	122,500	2,382,754	*	153,584
2500 OTHER OILSEED CROPS	2	0.5	4,489	87,129	*	748
2900 TOBACCO	1	0.3	0	45,592	*	0
2700 SUGAR CROPS	3	1.0	591	431,819	*	0
2800 MISC NEW CROPS	3	2.3	0	351,838	*	2,123
2900 POULTRY	15	7.5	449,788	2,430,723	*	160,985
3000 BEEF CATTLE	13	4.3	122,283	1,804,319	*	77,755
3100 DAIRY CATTLE	23	9.3	354,379	4,045,885	*	11,071
3200 SWINE	35	9.9	292,837	4,052,415	*	176,391
3300 SHEEP AND WOOL	5	2.1	51,875	811,743	*	0
3400 DTHER ANIMALS	2	0.0	0	40,924	*	0
3500 BEES AND HONEY	1	0.8	0	128,348	*	0
3900 FARM SUPP & FACILITS	3	2.5	131,117	708,300	*	0
3700 CLOTHING & TEXTILES	2	1.5	30,822	294,191	*	0
3800 FOOD	21	8.4	334,032	2,838,005	*	312,910
3900 HOUSING & EQUIP	4	2.7	5,105	488,488	*	0
4000 PEOPLE AS INDIVIDUALS	13	3.4	99,884	783,771	*	85,910
4100 FAMILY MEMBERS	19	4.8	84,500	1,137,519	*	244
4200 FARM AS BUSINESS	3	0.7	29,879	122,231	*	0
4300 SOC POLIT ORGANIZ	13	5.3	127,789	929,391	*	43,517
4400 AGRIC ECONOMY U S	4	1.8	57,351	371,371	*	5,430
4500 AGRIC ECONOMY FORGN	4	1.1	96,839	385,875	*	0
4800 MARKETING SYSTEMS	1	0.7	23,059	110,988	*	0
8100 WEEDS	3	1.1	0	306,583	*	5,190
9300 BIO CELL SYSTEMS	4	0.8	38,228	281,431	*	37,338
6400 EXP DESIGN/STAT METHOD	3	1.9	27,092	318,150	*	44,810
8500 INVERTEBRATES	7	2.7	57,187	973,108	*	88,402
9900 MICROORGANISMS VIRUSES	11	2.9	29,647	683,204	*	124,331
8700 PLANTS	12	1.1	51,650	620,038	*	50,738
9800 ANIMALS(VERTEBRATES)	8	2.6	70,901	680,483	*	14,247
6900 RESEARCH DN RSCH MGMT	3	2.0	90,528	378,788	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.9	0	584,185	*	0
TOTAL		182.4	5,001,412	58,478,078	*	4,045,848

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- MISSISSIPPI STATE COLLEGE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	11	5.4	109,420	1,091,707	*	55,264
0200 WATER	4	0.4	2,197	38,452	*	3,659
0300 WATERSHEDS RIVER BAS	5	0.8	0	403,872	*	288,480
0400 AIR AND CLIMATE	1	0.0	8,780	13,926	*	0
0600 TIMBER FORST PRODUCT	55	21.5	500,938	6,372,285	*	1,419,144
0700 RANGE	1	0.0	345	115,852	*	0
0800 WILDLIFE AND FISH	60	27.8	136,129	9,606,800	*	2,090,548
1000 FRUIT NUTS DECIDUOUS	7	2.4	197,463	774,184	*	0
1100 POTATOES	1	0.1	15,913	36,620	*	0
1200 VEGETABLES	6	1.7	296,145	810,339	*	25,809
1300 ORNAMENTALS TURF	7	3.6	410,231	996,585	*	39,548
1400 CORN	9	1.0	41,428	195,860	*	8
1500 GRAIN SORGHUM	7	3.6	18,456	952,786	*	43,975
1800 RICE	11	4.8	113,149	858,580	*	0
1700 WHEAT	9	0.7	20,085	174,789	*	285
1900 PASTURE	7	1.1	49,711	234,648	*	124
2000 FORAGE CROPS	21	3.3	250,132	1,267,232	*	5,774
2100 COTTON	38	13.3	558,693	2,981,429	*	185,857
2300 SOYBEANS	37	7.7	194,941	1,704,888	*	18,908
2800 MISC NEW CROPS	3	1.4	59,903	843,374	*	276,709
2900 POULTRY	20	8.1	377,048	1,830,367	*	1,471
3000 BEEF CATTLE	17	4.2	207,129	1,399,975	*	0
3100 DAIRY CATTLE	12	5.0	228,108	1,327,845	*	1,858
3200 SWINE	8	0.7	115,117	477,383	*	0
3300 SHEEP AND WOOL	2	0.1	780	102,898	*	0
3400 OTHER ANIMALS	1	0.5	0	181,307	*	0
3700 CLOTHING & TEXTILES	2	0.1	988	35,107	*	0
3800 FOOD	4	0.9	12,804	310,457	*	0
3900 HOUSING & EQUIP	1	0.0	0	7,555	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.7	0	134,899	*	76,023
4100 FAMILY MEMBERS	2	0.4	0	40,524	*	0
4200 FARM AS BUSINESS	9	1.2	98,869	206,058	*	10,864
4300 SOC POLIT ORGANIZ	9	3.8	20,974	843,192	*	276,138
4400 AGRIC ECONOMY U S	2	0.0	1,133	3,598	*	0
4800 FARM COOPERATIVES	1	0.3	14,289	34,812	*	0
4700 OTH MARKET PROCESS	1	0.0	1,133	3,593	*	0
4800 MARKETING SYSTEMS	2	0.2	15,594	24,178	*	0
6200 SEED RESEARCH	5	0.9	37,804	169,909	*	4,319
9300 BIO CELL SYSTEMS	1	0.1	24,263	88,935	*	0
6400 EXP DESIGN/STAT METHOD	1	0.0	760	10,847	*	0
8500 INVERTEBRATES	5	2.1	59,711	307,173	*	3,109
9900 MICROORGANISMS VIRUSES	2	0.2	38,479	72,288	*	2,869
8700 PLANTS	9	7.5	98,021	1,153,289	*	823
9800 ANIMALS(VERTEBRATES)	3	2.5	19,188	408,017	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.4	30,891	110,745	*	30,392
TOTAL		140.4	4,352,894	35,318,750	*	4,891,929

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- MISSOURI COLUMBIA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	31	6.6	220,906	1,329,240	*	133,546
0200 WATER	24	4.4	123,478	1,066,512	*	262,306
0300 WATERSHEDS RIVER BAS	7	0.8	41,716	212,121	*	1,078
0400 AIR AND CLIMATE	6	2.0	90,181	308,643	*	0
0500 RECREATION RESOURCES	2	0.2	11,406	37,516	*	1,820
0600 TIMBER FORST PRODUCT	22	7.4	236,123	1,193,238	*	80,648
0700 RANGE	5	0.4	29,782	113,415	*	8,934
0800 WILDLIFE AND FISH	18	3.1	110,421	1,346,322	*	173,527
0900 CITRUS SUB TROP FRUT	1	0.2	7,629	22,517	*	0
1000 FRUIT NUTS DECIDUOUS	12	1.8	39,799	280,082	*	7,703
1100 POTATOES	1	0.0	0	3,758	*	0
1200 VEGETABLES	5	0.6	17,335	104,479	*	28,289
1300 ORNAMENTALS TURF	9	2.9	82,098	449,429	*	0
1400 CORN	31	4.9	129,804	1,201,369	*	63,121
1500 GRAIN SORGHUM	6	0.6	31,765	199,497	*	0
1600 RICE	6	0.9	13,388	174,153	*	0
1700 WHEAT	15	3.5	172,894	1,077,036	*	291,701
1800 OTHER SMALL GRAINS	2	0.2	12,075	143,406	*	58,887
1900 PASTURE	9	1.0	12,708	222,346	*	16,845
2000 FORAGE CROPS	26	6.0	351,724	1,569,732	*	89,457
2100 COTTON	6	1.4	69,774	357,062	*	0
2300 SOYBEANS	45	9.1	263,859	1,904,436	*	463,066
2500 OTHER OILSEED CROPS	10	1.3	108,877	487,910	*	95,537
2600 TOBACCO	1	0.1	5,737	17,392	*	0
2800 MISC NEW CROPS	4	0.5	11,274	125,597	*	290
2900 POULTRY	15	2.3	164,523	576,410	*	7,577
3000 BEEF CATTLE	60	8.3	344,746	2,111,896	*	88,994
3100 DAIRY CATTLE	41	5.1	275,718	1,846,215	*	67,453
3200 SWINE	41	7.5	444,892	2,152,854	*	238,446
3300 SHEEP AND WOOL	21	2.6	111,070	822,400	*	81,740
3400 OTHER ANIMALS	14	0.7	78,032	338,625	*	62,489
3600 FARM SUPP & FACILITS	3	0.1	3,070	162,479	*	0
3700 CLOTHING & TEXTILES	1	0.0	1,468	4,221	*	0
3800 FOOD	19	2.7	48,077	828,488	*	276,514
3900 HOUSING & EQUIP	4	0.8	27,898	136,824	*	0
4000 PEOPLE AS INDIVIDUALS	23	3.4	42,251	882,338	*	9,530
4100 FAMILY MEMBERS	9	1.4	77,024	271,002	*	134
4200 FARM AS BUSINESS	12	2.1	69,751	428,187	*	117,234
4300 SOC POLIT ORGANIZ	16	4.2	133,730	951,535	*	373,288
4400 AGRIC ECONOMY U S	11	2.7	119,531	892,078	*	229,950
4500 AGRIC ECONOMY FORGN	3	0.1	8,897	35,133	*	245
4600 FARM COOPERATIVES	2	0.4	21,951	72,995	*	0
4700 OTH MARKET PROCESS	2	0.4	21,951	72,995	*	0
4800 MARKETING SYSTEMS	6	1.1	29,017	276,735	*	89,264
6100 WEEDS	3	1.3	15,392	243,227	*	0
6200 SEED RESEARCH	4	0.4	46,829	147,896	*	547
6300 BIO CELL SYSTEMS	9	2.2	52,840	417,695	*	4,113
6400 EXP DESIGN/STAT METHOD	2	1.0	0	289,758	*	0
6500 INVERTEBRATES	10	2.4	94,891	549,343	*	56,987
6600 MICRODRGANISMS VIRUSES	20	3.3	85,081	1,017,318	*	247,554
6700 PLANTS	41	11.9	213,248	2,951,882	*	254,543
6800 ANIMALS(VERTEBRATES)	24	3.0	99,724	1,183,630	*	76,360
6900 RESEARCH ON RSCH MGMT	2	0.2	0	289,615	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.1	3,810	37,164	*	612
TOTAL		131.8	4,829,526	33,938,445	*	4,040,343

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- MONTANA BOZEMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	22	5.2	165,378	862,554	*	98,578
0200 WATER	16	4.6	187,562	609,665	*	93,778
0300 WATERSHEDS RIVER BAS	6	0.7	689	98,044	*	1,134
0400 AIR AND CLIMATE	2	0.1	0	17,340	*	0
0500 RECREATION RESOURCES	1	0.1	0	24,517	*	0
0600 TIMBER FORST PRODUCT	1	0.2	1,331	17,024	*	0
0700 RANGE	22	4.1	35,084	890,166	*	47,885
0800 WILDLIFE AND FISH	2	0.2	0	85,838	*	0
1100 POTATOES	3	0.8	0	186,147	*	14,000
1200 VEGETABLES	13	2.4	54,363	540,828	*	98,113
1400 CORN	7	0.9	41,343	179,388	*	2,492
1500 GRAIN SORGHUM	1	0.1	0	10,867	*	0
1700 WHEAT	39	15.1	358,493	1,882,631	*	108,142
1800 OTHER SMALL GRAINS	36	8.8	333,571	1,572,763	*	55,410
1900 PASTURE	4	0.2	7,885	51,459	*	13,408
2000 FORAGE CROPS	21	4.5	88,263	885,599	*	111,155
2500 OTHER OILSEED CROPS	10	1.2	1,464	357,778	*	105,251
2700 SUGAR CROPS	2	0.7	0	145,139	*	0
2800 MISC NEW CROPS	6	0.5	11,852	108,553	*	0
2900 POULTRY	2	0.3	0	22,099	*	20,273
3000 BEEF CATTLE	29	10.7	237,903	2,861,340	*	71,599
3100 DAIRY CATTLE	9	0.8	10,438	299,429	*	110,518
3200 SWINE	5	0.9	51,948	468,218	*	53
3300 SHEEP AND WOOL	11	2.4	101,857	775,933	*	88,501
3400 OTHER ANIMALS	5	0.9	65,068	447,500	*	0
3600 FARM SUPP & FACILITS	1	0.4	0	58,580	*	0
3800 FOOD	1	0.1	8,233	11,855	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.1	885	32,501	*	0
4100 FAMILY MEMBERS	3	0.3	25,788	44,145	*	0
4200 FARM AS BUSINESS	3	1.1	12,942	255,870	*	0
4300 SOC POLIT ORGANIZ	3	0.4	13,414	57,903	*	0
4800 MARKETING SYSTEMS	1	0.0	0	1,063	*	0
6100 WEEDS	10	3.0	71,263	876,958	*	24,096
6200 SEED RESEARCH	1	0.4	0	97,171	*	0
6300 BIO CELL SYSTEMS	2	0.5	0	65,383	*	0
6500 INVERTEBRATES	11	2.6	23,532	563,180	*	78,645
6800 MICROORGANISMS VIRUSES	12	1.8	65,110	210,484	*	65,023
6700 PLANTS	7	1.7	9,307	164,321	*	0
6800 ANIMALS(VERTEBRATES)	3	0.0	915	36,922	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	0.4	0	57,661	*	0
TOTAL		79.0	1,988,082	15,912,918	*	1,208,053

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- N MARIANAS SAIPAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
1200 VEGETABLES	2	0.8	512,859	633,218	*	0
TOTAL		0.8	512,859	633,218	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NEBRASKA LINCOLN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	39	7.6	248,099	1,940,985	*	268,498
0200 WATER	34	8.6	130,224	3,791,883	*	1,000,886
0300 WATERSHEDS RIVER BAS	1	0.0	943	6,504	*	0
0400 AIR AND CLIMATE	5	2.2	13,671	421,672	*	0
0600 TIMBER FORST PRODUCT	7	2.2	109,845	577,874	*	33,089
0700 RANGE	9	1.3	59,710	592,500	*	44,214
0800 WILDLIFE AND FISH	7	2.4	19,819	536,526	*	0
1000 FRUIT NUTS DECIDUOUS	2	0.3	1,817	77,068	*	0
1100 POTATOES	3	0.3	10,865	183,322	*	8,873
1200 VEGETABLES	14	3.8	98,105	1,017,834	*	12,425
1300 ORNAMENTALS TURF	9	4.6	64,769	1,122,935	*	0
1400 CORN	64	11.2	330,267	2,922,588	*	207,687
1500 GRAIN SORGHUM	30	5.2	101,718	1,319,605	*	142,313
1700 WHEAT	34	4.5	119,151	1,485,521	*	213,279
1800 OTHER SMALL GRAINS	12	1.8	28,932	513,273	*	19,457
1900 PASTURE	5	0.6	55,003	331,303	*	4,399
2000 FORAGE CROPS	14	1.3	34,621	415,288	*	43,140
2100 COTTON	1	0.1	544	21,840	*	0
2300 SOYBEANS	41	6.8	225,588	1,888,512	*	178,393
2400 PEANUTS	2	0.2	1,106	55,978	*	0
2500 OTHER OILSEED CROPS	2	0.3	4,980	105,535	*	7,878
2600 TOBACCO	1	0.1	544	21,840	*	0
2700 SUGAR CROPS	5	1.5	57,104	386,551	*	215
2800 MISC NEW CROPS	8	2.1	28,415	559,917	*	64,143
2900 POULTRY	11	3.9	95,859	764,118	*	2,582
3000 BEEF CATTLE	62	17.0	384,884	11,460,927	*	1,242,370
3100 DAIRY CATTLE	26	4.9	165,877	1,649,984	*	85,222
3200 SWINE	31	9.8	262,968	3,591,960	*	183,837
3300 SHEEP AND WOOL	8	2.4	29,067	1,875,061	*	217,898
3400 OTHER ANIMALS	5	1.4	17,497	414,639	*	0
3600 FARM SUPP & FACILITS	2	1.4	15,557	302,267	*	0
3700 CLOTHING & TEXTILES	2	0.2	3,816	34,070	*	0
3800 FOOD	13	2.7	52,201	1,142,234	*	54,988
3900 HOUSING & EQUIP	3	0.1	8,318	37,755	*	9,518
4000 PEOPLE AS INDIVIDUALS	10	2.0	11,454	438,255	*	242
4100 FAMILY MEMBERS	12	3.4	44,099	427,650	*	0
4200 FARM AS BUSINESS	7	2.7	34,686	359,358	*	12,644
4300 SOC POLIT ORGANIZ	6	1.5	12,321	301,751	*	83,008
4400 AGRIC ECONOMY U S	2	0.7	13,989	88,329	*	0
4500 AGRIC ECONOMY FORGN	2	0.5	5,079	53,990	*	0
4600 FARM COOPERATIVES	1	0.3	4,213	50,535	*	0
4700 OTH MARKET PROCESS	1	0.1	1,848	22,185	*	0
4800 MARKETING SYSTEMS	2	0.4	12,750	85,195	*	0
6100 WEEDS	9	2.8	83,589	741,564	*	81,788
6200 SEED RESEARCH	1	0.0	0	433,058	*	0
6300 BIO CELL SYSTEMS	1	0.4	1,639	57,137	*	0
6400 EXP DESIGN/STAT METHOD	5	4.7	11,812	599,100	*	0
6500 INVERTEBRATES	6	2.0	26,645	887,353	*	75,354
6600 MICROORGANISMS VIRUSES	15	3.9	123,335	1,002,800	*	6,120
6700 PLANTS	31	9.2	211,347	2,985,383	*	195,638
6800 ANIMALS(VERTEBRATES)	8	1.4	13,811	884,161	*	0
6900 RESEARCH ON RSCH MGMT	2	0.0	1,436,695	1,444,220	*	0
7000 RSCH EQUIP & TECHNOLOGY	4	0.3	9,520	88,054	*	13,741
TOTAL		149.5	4,820,097	52,489,213	*	4,494,833

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NEVADA RENO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GRDSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	13	1.1	39,695	502,762	*	3,644
0200 WATER	17	2.6	56,011	633,813	*	342
0300 WATERSHEDS RIVER BAS	12	1.9	99,815	348,916	*	37,843
0600 TIMBER FORST PRDOUCT	12	2.8	75,466	461,188	*	46,904
0700 RANGE	7	0.4	8,578	92,546	*	2,528
0800 WILDLIFE AND FISH	11	2.8	127,328	598,695	*	0
1200 VEGETABLES	1	0.1	8,021	12,547	*	0
1300 DRNAMENTALS TURF	4	0.4	6,741	82,377	*	0
1400 CDRN	2	0.3	7,294	68,315	*	29,281
1800 DTHER SMALL GRAINS	2	0.5	24,627	62,951	*	0
2000 FORAGE CRDPS	6	0.8	70,150	180,283	*	1,755
2600 TDBACCO	1	0.1	6,988	20,415	*	0
3000 BEEF CATTLE	14	3.1	112,479	672,136	*	0
3100 DAIRY CATTLE	1	0.2	0	262,246	*	0
3300 SHEEP AND WOOL	3	1.4	17,818	308,578	*	0
3400 DTHER ANIMALS	1	0.3	23,673	34,711	*	0
3800 FOOD	1	0.0	0	23,366	*	0
3900 HDUSING & EQUIP	1	0.0	0	174,407	*	0
4000 PEDPLE AS INDIVIDUALS	7	1.3	65,815	262,874	*	0
4100 FAMILY MEMBERS	8	1.6	39,390	219,748	*	0
4200 FARM AS BUSINESS	3	0.6	8,021	80,995	*	0
4300 SOC PDLIT DRGANIZ	4	0.8	42,243	190,818	*	0
4800 MARKETING SYSTEMS	1	2.4	20,686	29,437	*	0
6100 WEEDS	1	0.4	19,118	107,805	*	0
6200 SEED RESEARCH	1	0.0	0	35,114	*	21,159
6300 BID CELL SYSTEMS	7	1.9	70,293	597,115	*	6,846
6400 EXP DESIGN/STAT METHDO	1	0.0	10,918	17,079	*	0
6500 INVERTEBRATES	17	3.9	97,142	1,273,475	*	21,159
6600 MICRDDRGANISMS VIRUSES	2	1.0	11,752	106,842	*	10,138
6700 PLANTS	12	2.8	117,106	486,938	*	75,498
6800 ANIMALS(VERTEBRATES)	6	1.0	123	366,600	*	109,113
7000 RSCH EQUIP & TECHNOLOGY	2	0.4	0	75,627	*	0
TOTAL		37.1	1,187,090	8,370,093	*	366,007

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NEW HAMPSHIRE DURHAM SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GRDSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	7	2.2	108,481	361,818	*	0
0200 WATER	6	1.8	166,791	358,868	*	0
0300 WATERSHEDS RIVER BAS	1	0.5	12,259	15,855	*	0
0600 TIMBER FORST PRDOUCT	10	3.1	163,543	457,827	*	0
0800 WILDLIFE AND FISH	6	2.3	135,433	346,548	*	0
1000 FRUIT NUTS DECIDUDUS	3	0.7	59,836	125,390	*	0
1200 VEGETABLES	5	1.3	87,274	289,089	*	0
1300 DRNAMENTALS TURF	2	0.6	19,875	129,485	*	0
1400 CDRN	2	0.3	23,266	104,948	*	0
2300 SOYBEANS	1	0.0	13,010	73,243	*	0
2500 DTHER DILSEED CRDPS	1	0.2	11,038	33,200	*	0
2900 PDULTRY	4	1.1	77,720	256,181	*	0
3000 BEEF CATTLE	2	0.3	13,667	32,762	*	0
3100 DAIRY CATTLE	7	2.5	248,928	788,135	*	0
3200 SWINE	3	1.7	69,169	300,417	*	0
3400 DTHER ANIMALS	5	1.5	70,191	204,565	*	0
3600 FARM SUPP & FACILITS	1	0.1	6,105	16,808	*	0
3800 FODD	1	0.4	23,010	36,542	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.4	31,590	59,047	*	0
4300 SOC PDLIT DRGANIZ	2	0.9	26,539	111,151	*	0
6300 BID CELL SYSTEMS	5	0.9	74,747	140,586	*	0
6500 INVERTEBRATES	6	1.6	73,687	255,367	*	0
6600 MICRODRGANISMS VIRUSES	4	0.6	63,911	117,447	*	0
6700 PLANTS	3	0.0	13,639	27,072	*	0
6800 ANIMALS(VERTEBRATES)	2	0.1	5,146	12,721	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	5,146	12,218	*	0
TDTAL		25.4	1,604,001	4,667,269	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NEW JERSEY NEW BRUNSWICK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	13	4.9	75,936	1,355,968	*	16,690
0200 WATER	7	1.6	22,666	835,057	*	0
0300 WATERSHEDS RIVER BAS	2	0.4	2,111	118,809	*	0
0400 AIR AND CLIMATE	4	1.2	29,819	375,115	*	0
0600 TIMBER FORST PRODUCT	12	3.6	124,766	588,436	*	74,808
0800 WILDLIFE AND FISH	21	8.6	121,166	2,204,536	*	131,720
1000 FRUIT NUTS DECIDUDUS	16	3.6	168,731	1,380,874	*	98,848
1100 POTATOES	8	0.7	40,883	311,362	*	0
1200 VEGETABLES	32	6.7	226,379	1,626,317	*	41,810
1300 ORNAMENTALS TURF	8	3.7	66,262	1,466,330	*	708
1400 CORN	6	0.5	10,747	185,880	*	23,674
1700 WHEAT	5	0.4	10,362	121,924	*	0
1800 OTHER SMALL GRAINS	2	0.0	2,931	35,367	*	0
2000 FORAGE CROPS	1	0.0	3,338	10,851	*	0
2100 COTTON	1	0.0	0	23,106	*	0
2200 COTTONSEED	1	0.0	0	4,582	*	0
2300 SOYBEANS	3	0.3	1,366	114,950	*	65,358
2400 PEANUTS	1	0.0	0	4,582	*	0
2600 TOBACCO	2	0.4	0	114,026	*	76,594
2700 SUGAR CROPS	1	0.2	0	44,285	*	8,916
2800 MISC NEW CROPS	3	3.3	489,229	761,998	*	141,551
2900 POULTRY	9	1.8	56,044	754,592	*	156,857
3100 DAIRY CATTLE	3	0.8	28,832	187,596	*	0
3200 SWINE	3	0.5	25,110	226,343	*	0
3300 SHEEP AND WOOL	5	0.7	33,419	286,118	*	11,466
3400 OTHER ANIMALS	8	1.4	71,522	768,378	*	283,102
3600 FARM SUPP & FACILITS	1	0.0	0	1,884	*	1,884
3800 FOOD	27	9.0	222,538	1,366,439	*	3,389
3900 HOUSING & EQUIP	7	2.4	113,668	587,396	*	7,509
4000 PEOPLE AS INDIVIDUALS	14	4.9	107,655	1,417,541	*	0
4200 FARM AS BUSINESS	3	0.5	18,504	83,715	*	0
4300 SOC POLIT ORGANIZ	1	0.2	18,437	45,803	*	0
4600 FARM COOPERATIVES	1	0.3	0	56,994	*	0
4700 OTH MARKET PROCESS	1	0.1	0	24,068	*	0
6100 WEEDS	2	0.6	9,726	101,564	*	0
6300 BIO CELL SYSTEMS	17	4.1	68,827	1,244,965	*	45,098
6400 EXP DESIGN/STAT METHOD	2	0.5	4,444	78,748	*	0
6500 INVERTEBRATES	14	5.6	227,776	1,526,258	*	3,802
6600 MICROORGANISMS VIRUSES	18	3.7	174,073	1,007,562	*	106,588
6700 PLANTS	7	0.6	94,562	377,778	*	58,020
6800 ANIMALS(VERTEBRATES)	9	1.2	5,780	720,468	*	186,419
6900 RESEARCH ON RSCH MGMT	1	0.1	9,837	30,893	*	0
7000 RSCH EQUIP & TECHNOLOGY	6	1.0	31,582	325,478	*	0
TOTAL		77.9	2,778,974	22,821,057	*	1,524,812

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NEW MEXICO UNIVERSITY PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	13	2.6	73,230	582,328	*	37,583
0200 WATER	12	2.7	45,189	425,588	*	33,036
0300 WATERSHEDS RIVER BAS	5	1.2	13,416	188,756	*	4,771
0500 RECREATION RESOURCES	3	1.2	140,655	212,748	*	13,281
0600 TIMBER FORST PRODUCT	8	3.1	184,863	864,866	*	79,333
0700 RANGE	17	7.6	126,107	1,410,234	*	256,741
0800 WILDLIFE AND FISH	3	2.6	46,874	408,961	*	70,968
1000 FRUIT NUTS DECIDUDUS	6	1.7	32,780	188,795	*	572
1100 POTATOES	3	0.3	0	26,181	*	0
1200 VEGETABLES	21	9.3	382,471	2,218,028	*	141,864
1300 ORNAMENTALS TURF	5	1.3	44,781	213,182	*	0
1400 CORN	9	1.0	0	134,032	*	14,850
1500 GRAIN SORGHUM	10	1.0	0	240,845	*	118,292
1700 WHEAT	10	1.1	9,034	155,812	*	218
1800 OTHER SMALL GRAINS	5	0.3	0	37,254	*	0
1900 PASTURE	3	0.2	0	36,151	*	0
2000 FORAGE CROPS	15	3.1	80,373	1,084,535	*	509,051
2100 COTTON	12	3.3	32,824	862,867	*	188,890
2300 SOYBEANS	6	0.8	8,383	142,108	*	83,045
2400 PEANUTS	3	0.3	8,875	56,188	*	0
2500 OTHER OILSEED CROPS	3	0.5	0	116,485	*	103,466
2700 SUGAR CROPS	1	0.1	0	13,698	*	0
2800 MISC NEW CROPS	4	0.5	4,762	130,818	*	572
3000 BEEF CATTLE	22	8.2	251,466	1,753,286	*	71,319
3100 DAIRY CATTLE	2	0.2	0	33,157	*	0
3300 SHEEP AND WOOL	6	2.2	83,744	380,073	*	48,092
3700 CLOTHING & TEXTILES	1	0.3	0	18,804	*	0
3800 FOOD	2	0.8	23,222	107,835	*	33,698
4000 PEOPLE AS INDIVIDUALS	2	0.5	8,024	55,422	*	0
4100 FAMILY MEMBERS	2	0.5	60,510	148,418	*	0
4200 FARM AS BUSINESS	1	0.5	0	60,275	*	0
4300 SOC POLIT ORGANIZ	6	2.3	30,712	214,780	*	0
4400 AGRIC ECONOMY U S	2	0.5	7,834	89,036	*	7,027
4500 AGRIC ECONOMY FORGN	2	0.2	536	18,474	*	0
6100 WEEDS	2	0.2	0	65,168	*	0
6300 BIO CELL SYSTEMS	3	0.0	0	130,772	*	130,772
6400 EXP DESIGN/STAT METHOD	1	0.4	0	29,184	*	0
6600 MICROORGANISMS VIRUSES	1	1.4	22,458	173,367	*	8,148
6700 PLANTS	5	1.5	66,644	482,828	*	91,908
6800 ANIMALS(VERTEBRATES)	1	0.8	64,654	182,261	*	1,820
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	0	14,823	*	0
TOTAL		68.3	1,858,234	13,787,561	*	2,026,898

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NEW YORK GENEVA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0200 WATER	1	0.0	0	2,870	*	2,870
0900 CITRUS SUB TROP FRUT	2	0.1	3,992	54,159	*	0
1000 FRUIT NUTS DECIDUOUS	57	21.0	338,074	5,648,328	*	818,522
1200 VEGETABLES	44	7.4	284,123	3,514,394	*	758,267
1300 ORNAMENTALS TURF	8	1.8	22,742	309,088	*	40,260
1400 CORN	1	0.0	0	25,517	*	0
1700 WHEAT	1	0.0	263	8,247	*	0
1800 OTHER SMALL GRAINS	1	0.3	0	51,500	*	0
2000 FORAGE CROPS	2	0.0	46,868	118,647	*	55,531
2100 COTTON	2	0.0	878	11,753	*	0
3800 FOOD	1	4.8	0	228,280	*	26,725
6200 SEED RESEARCH	5	2.7	11,045	267,331	*	0
6300 BIO CELL SYSTEMS	1	0.6	821	28,897	*	0
6500 INVERTEBRATES	6	1.5	49,570	388,948	*	105,856
6700 PLANTS	3	0.0	1,832	111,751	*	31,068
TOTAL		40.1	758,708	10,770,525	*	1,838,927

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NEW YORK ITHACA SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	55	10.5	162,388	2,851,748	*	801,341
0200 WATER	34	7.3	62,737	1,880,348	*	88,320
0300 WATERSHEDS RIVER BAS	2	0.0	0	77,341	*	0
0400 AIR AND CLIMATE	10	4.8	82,814	1,005,579	*	37,350
0500 RECREATION RESOURCES	4	0.4	30,378	97,848	*	43,804
0800 TIMBER FORST PRODUCT	31	8.2	241,152	1,848,348	*	102,193
0700 RANGE	1	0.2	3,448	12,271	*	0
0800 WILDLIFE AND FISH	44	11.2	152,081	3,878,598	*	35,809
0800 CITRUS SUB TROP FRUT	1	0.8	4,883	17,087	*	0
1000 FRUIT NUTS DECIDUOUS	20	5.0	202,080	855,470	*	28,032
1100 POTATOES	30	5.2	197,484	2,008,870	*	817,825
1200 VEGETABLES	52	13.8	382,488	3,938,394	*	580,890
1300 ORNAMENTALS TURF	18	2.9	213,990	1,083,087	*	218
1400 CORN	22	1.7	154,225	1,335,598	*	209,711
1500 GRAIN SORGHUM	1	0.0	1,517	24,775	*	0
1800 RICE	8	1.9	15,378	478,870	*	47,872
1700 WHEAT	9	0.7	44,870	388,950	*	33,918
1800 OTHER SMALL GRAINS	7	0.7	43,818	478,835	*	48
1800 PASTURE	2	0.1	8,828	33,518	*	23,243
2000 FORAGE CROPS	19	3.8	131,881	1,288,482	*	17,108
2300 SOYBEANS	5	0.3	22,788	80,583	*	22,430
2500 OTHER OILSEED CROPS	2	0.0	8,788	15,088	*	0
2800 MISC NEW CROPS	5	2.4	24,782	847,508	*	12,524
2900 POULTRY	22	5.9	185,887	948,478	*	125,875
3000 BEEF CATTLE	14	3.7	93,832	805,817	*	88,480
3100 DAIRY CATTLE	57	17.1	328,183	4,085,781	*	428,271
3200 SWINE	8	0.4	13,828	133,278	*	31,035
3300 SHEEP AND WOOL	5	1.4	21,082	184,721	*	0
3400 OTHER ANIMALS	12	8.0	18,285	481,441	*	58,488
3500 BEES AND HONEY	8	0.4	8,883	131,334	*	188
3800 FARM SUPP & FACILITS	7	1.7	20,382	381,278	*	0
3700 CLOTHING & TEXTILES	10	3.8	44,821	420,488	*	0
3800 FOOD	25	3.1	188,885	1,700,528	*	1,185
3800 HOUSING & EQUIP	18	2.3	54,588	330,313	*	0
4000 PEOPLE AS INDIVIDUALS	84	30.1	274,335	8,187,288	*	80,848
4100 FAMILY MEMBERS	33	11.5	118,884	1,887,885	*	884,258
4200 FARM AS BUSINESS	4	1.0	38,417	121,888	*	158
4300 SOC POLIT ORGANIZ	32	3.8	88,921	1,183,288	*	0
4400 AGRIC ECONOMY U S	7	0.8	82,378	273,183	*	0
4500 AGRIC ECONOMY FORGN	8	0.8	33,287	841,148	*	51,135
4700 OTH MARKET PROCESS	8	0.5	8,022	185,280	*	38,080
4800 MARKETING SYSTEMS	2	0.0	18,118	85,880	*	0
8100 WEEDS	8	0.8	14,258	178,574	*	8,741
8200 SEED RESEARCH	2	0.3	3,277	102,883	*	0
8300 BIO CELL SYSTEMS	33	7.5	124,851	2,577,805	*	48,008
8400 EXP DESIGN/STAT METHOD	18	3.5	114,484	513,882	*	0
8500 INVERTEBRATES	35	8.8	108,270	1,880,380	*	80,053
8800 MICROORGANISMS VIRUSES	45	11.5	111,843	3,080,302	*	888,820
8700 PLANTS	35	8.3	142,028	1,843,187	*	331,158
8800 ANIMALS(VERTEBRATES)	21	2.4	88,887	881,888	*	134,878
8800 RESEARCH ON RSCH MGMT	2	0.8	12,282	282,881	*	0
7000 RSCH EQUIP & TECHNOLOGY	11	0.8	10,783	1,287,238	*	7,825
TOTAL		220.1	4,827,137	58,344,881	*	8,310,003

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NORTH CAROLINA RALEIGH SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	43	5.2	227,849	3,099,533	*	84,622
0200 WATER	29	4.7	149,419	1,074,123	*	105,741
0300 WATERSHEDS RIVER BAS	2	0.5	20,019	97,077	*	43,129
0400 AIR AND CLIMATE	3	0.3	17,139	99,834	*	0
0600 TIMBER FORST PRODUCT	15	3.9	132,807	739,535	*	232,753
0800 WILDLIFE AND FISH	24	7.2	129,298	2,549,955	*	97,804
0900 CITRUS SUB TROP FRUT	1	0.1	3,841	8,858	*	0
1000 FRUIT NUTS DECIDUOUS	45	11.9	302,841	3,829,942	*	112,544
1100 POTATOES	13	1.0	39,119	537,985	*	75,229
1200 VEGETABLES	51	12.9	347,060	4,406,273	*	402,797
1300 ORNAMENTALS TURF	29	9.2	341,580	2,225,087	*	11,132
1400 CORN	54	10.8	208,799	3,828,129	*	133,839
1500 GRAIN SORGHUM	3	0.1	10,329	49,749	*	0
1800 RICE	3	0.9	284	1,384,444	*	0
1700 WHEAT	19	1.9	27,928	458,933	*	8,858
1800 OTHER SMALL GRAINS	9	0.4	8,113	211,425	*	1,885
1900 PASTURE	3	0.0	0	12,249	*	439
2000 FORAGE CROPS	15	2.3	99,254	1,311,098	*	749,807
2100 COTTON	17	2.0	95,844	701,344	*	91,855
2300 SOYBEANS	51	5.0	180,808	2,085,480	*	238,139
2400 PEANUTS	31	5.4	171,891	1,890,275	*	50,140
2500 TOBACCO	70	15.5	499,231	9,028,123	*	249,719
2800 MISC NEW CROPS	4	0.9	19,701	90,539	*	0
2900 POULTRY	47	15.3	881,944	4,078,485	*	32,781
3000 BEEF CATTLE	31	4.9	173,495	2,151,155	*	55,990
3100 DAIRY CATTLE	34	9.2	509,875	3,287,053	*	15,190
3200 SWINE	30	9.4	385,935	2,077,842	*	39,873
3300 SHEEP AND WOOL	9	0.4	40,558	592,587	*	330
3400 OTHER ANIMALS	15	2.9	77,899	739,389	*	330
3900 BEES AND HONEY	1	0.3	7,973	75,383	*	0
3800 FARM SUPP & FACILITS	1	0.5	23,609	109,909	*	0
3700 CLOTHING & TEXTILES	3	0.3	10,497	52,335	*	7,732
3800 FOOD	19	3.5	97,319	817,203	*	24,089
3900 HOUSING & EQUIP	5	1.2	31,139	203,924	*	3,898
4000 PEOPLE AS INDIVIDUALS	21	5.0	128,090	738,929	*	38,524
4100 FAMILY MEMBERS	4	0.7	23,698	98,218	*	11,598
4300 SOC POLIT ORGANIZ	8	1.9	78,049	322,048	*	7,924
4400 AGRIC ECONOMY U S	4	1.4	89,378	256,377	*	48,914
4700 OTH MARKET PROCESS	1	0.1	0	20,538	*	90
4800 MARKETING SYSTEMS	1	0.4	8,471	36,130	*	0
9100 WEEDS	11	1.4	98,075	447,859	*	19,508
9200 SEED RESEARCH	3	1.3	37,859	118,717	*	0
9300 BIO CELL SYSTEMS	19	9.9	185,509	1,995,890	*	11,280
9400 EXP DESIGN/STAT METHOD	7	1.5	41,257	257,599	*	3,815
9500 INVERTEBRATES	22	9.4	113,418	1,392,171	*	108,572
9600 MICROORGANISMS VIRUSES	29	5.4	83,991	1,845,817	*	299,244
6700 PLANTS	40	7.8	127,747	3,008,892	*	180,149
6800 ANIMALS(VERTEBRATES)	22	3.4	74,908	1,685,127	*	15,514
9900 RESEARCH ON RSCH MGMT	1	0.2	4,119	21,010	*	0
7000 RSCH EQUIP & TECHNOLOGY	5	0.9	22,624	314,179	*	0
TOTAL		209.0	8,016,459	63,494,731	*	3,559,849

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NORTH DAKOTA FARGO SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	24	7.8	117,923	1,390,778	*	19,048
0200 WATER	11	5.8	82,333	1,143,205	*	14,574
0400 AIR AND CLIMATE	2	1.9	46,164	428,893	*	0
0500 RECREATION RESOURCES	2	0.3	2,198	81,402	*	31,872
0600 TIMBER FORST PRODUCT	5	1.9	95,565	437,283	*	29,149
0700 RANGE	7	4.9	92,297	1,147,108	*	38,073
0800 WILDLIFE AND FISH	1	0.1	2,196	19,498	*	0
1000 FRUIT NUTS DECIDUOUS	3	0.1	275	31,610	*	0
1100 POTATOES	14	4.8	110,937	1,213,188	*	319,879
1200 VEGETABLES	22	5.3	80,315	1,039,245	*	129,008
1300 ORNAMENTALS TURF	4	0.3	9,162	78,832	*	3,946
1400 CORN	19	3.2	91,815	589,117	*	0
1700 WHEAT	40	17.5	353,184	3,985,191	*	258,980
1800 OTHER SMALL GRAINS	32	10.9	144,758	2,154,713	*	119,953
1900 PASTURE	1	0.1	0	27,938	*	21,248
2000 FORAGE CROPS	9	2.7	33,899	392,275	*	24,742
2300 SOYBEANS	9	2.9	38,088	453,818	*	0
2600 OTHER OILSEED CROPS	40	9.9	184,433	2,444,435	*	904,578
2700 SUGAR CROPS	5	1.2	20,479	291,945	*	33,690
2800 MISC NEW CROPS	7	1.1	14,976	245,419	*	4,919
3000 BEEF CATTLE	18	13.1	227,152	2,272,817	*	139,121
3100 DAIRY CATTLE	9	3.9	91,509	975,323	*	17,915
3200 SWINE	10	4.5	180,921	1,025,343	*	8,379
3300 SHEEP AND WOOL	12	4.9	73,049	772,727	*	82,041
3400 OTHER ANIMALS	4	1.0	7,889	153,639	*	47,748
3800 FOOD	5	0.8	18,539	367,380	*	123,269
4000 PEOPLE AS INDIVIDUALS	3	1.1	49,721	278,825	*	0
4200 FARM AS BUSINESS	4	1.4	25,889	180,380	*	16,992
4300 SOC POLIT ORGANIZ	5	1.9	14,028	340,982	*	80,633
4400 AGRIC ECONOMY U S	2	0.9	29,799	158,322	*	0
4500 AGRIC ECONOMY FORGN	4	1.2	0	314,608	*	147,915
4900 FARM COOPERATIVES	1	1.3	13,589	151,879	*	31,729
4800 MARKETING SYSTEMS	1	0.2	8,404	23,439	*	0
9100 WEEDS	9	2.4	30,428	557,449	*	204,197
6300 BIO CELL SYSTEMS	5	1.9	28,777	242,151	*	0
9500 INVERTEBRATES	9	1.7	22,928	252,205	*	89,590
9600 MICROORGANISMS VIRUSES	5	1.5	92,519	319,393	*	8,850
6700 PLANTS	8	1.2	7,705	245,611	*	119,791
6800 ANIMALS(VERTEBRATES)	1	0.8	19,499	97,724	*	0
TOTAL		127.0	2,373,093	25,691,258	*	3,011,194

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- OHIO WOOSTER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	44	10.3	349,252	3,114,322	*	141,789
0200 WATER	22	2.4	69,803	1,112,603	*	116,919
0300 WATERSHEDS RIVER BAS	6	2.8	128,275	770,443	*	186,753
0400 AIR AND CLIMATE	2	0.0	28,931	53,255	*	0
0500 RECREATION RESOURCES	5	1.0	3,641	630,377	*	39,613
0600 TIMBER FORST PRODUCT	23	7.6	423,215	1,521,032	*	107,348
0700 RANGE	1	0.0	513	1,794	*	0
0800 WILDLIFE AND FISH	9	1.8	38,663	892,799	*	988
1000 FRUIT NUTS DECIDUOUS	30	8.2	273,892	2,341,198	*	56,085
1100 POTATOES	11	1.7	64,057	562,585	*	148,586
1200 VEGETABLES	28	7.1	350,174	1,551,162	*	36,962
1300 ORNAMENTALS TURF	19	4.2	198,273	969,962	*	41,373
1400 CORN	39	7.8	441,875	1,602,168	*	192,487
1600 RICE	1	0.1	0	15,529	*	3,081
1700 WHEAT	12	0.9	43,037	385,441	*	50,457
1800 OTHER SMALL GRAINS	3	0.1	9,945	167,822	*	3,081
2000 FORAGE CROPS	9	2.5	124,864	580,212	*	0
2300 SOYBEANS	35	8.1	343,301	1,869,427	*	185,611
2400 PEANUTS	1	0.0	750	1,643	*	0
2500 OTHER OILSEED CROPS	4	0.5	13,878	65,433	*	0
2600 TOBACCO	3	1.0	25,820	235,364	*	0
2700 SUGAR CROPS	2	0.5	10,448	69,755	*	0
2800 MISC NEW CROPS	1	0.2	6,659	45,919	*	0
2900 POULTRY	14	5.6	311,373	2,144,647	*	28,877
3000 BEEF CATTLE	21	4.8	286,981	2,273,079	*	111,777
3100 DAIRY CATTLE	36	10.4	658,331	3,825,419	*	163,367
3200 SWINE	22	4.5	349,144	2,082,463	*	41,311
3300 SHEEP AND WOOL	10	3.7	214,972	1,432,277	*	0
3400 OTHER ANIMALS	8	1.2	25,792	359,594	*	5,987
3500 BEES AND HONEY	1	0.4	13,382	26,237	*	0
3600 FARM SUPP & FACILITS	4	0.5	53,408	168,980	*	0
3700 CLOTHING & TEXTILES	3	0.5	12,312	54,025	*	0
3800 FOOD	10	3.5	128,948	682,135	*	231,415
3900 HOUSING & EQUIP	4	0.4	25,037	171,510	*	26,093
4000 PEOPLE AS INDIVIDUALS	14	2.2	48,446	377,633	*	14,998
4100 FAMILY MEMBERS	11	3.4	118,612	501,748	*	0
4200 FARM AS BUSINESS	5	1.7	70,364	187,722	*	0
4300 SOC POLIT ORGANIZ	13	1.7	22,754	411,216	*	49,651
4400 AGRIC ECONOMY U S	5	0.9	21,552	202,359	*	23,636
4500 AGRIC ECONOMY FORGN	2	0.4	6,829	106,712	*	0
4700 OTH MARKET PROCESS	1	0.0	0	2,585	*	0
4800 MARKETING SYSTEMS	2	0.3	11,040	26,495	*	0
6100 WEEDS	6	0.5	35,566	157,755	*	57,372
6300 BIO CELL SYSTEMS	1	0.3	10,478	67,588	*	0
6400 EXP DESIGN/STAT METHOD	1	0.0	1,523	3,337	*	0
6500 INVERTEBRATES	3	0.3	0	217,864	*	86,039
6600 MICRODRGANISMS VIRUSES	7	2.0	106,735	319,411	*	18,301
6700 PLANTS	27	3.9	202,728	1,062,962	*	277,889
6800 ANIMALS(VERTEBRATES)	5	0.9	33,206	115,807	*	6,729
6900 RESEARCH ON RSCH MGMT	1	0.2	14,465	62,096	*	3,196
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	4,976	18,784	*	0
TOTAL		123.3	5,738,416	35,623,683	*	2,457,970

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- OKLAHOMA STILLWATER SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	11	3.1	66,751	1,183,556	*	7,579
0200 WATER	11	4.4	123,087	1,298,236	*	101,665
0400 AIR AND CLIMATE	1	0.4	0	130,213	*	7,536
0500 RECREATION RESOURCES	1	0.9	0	129,133	*	0
0600 TIMBER FORST PRODUCT	11	5.5	307,168	1,318,992	*	226,225
0700 RANGE	8	2.2	39,640	753,710	*	1,603
0800 WILDLIFE AND FISH	1	0.0	0	7,518	*	0
1000 FRUIT NUTS DECIDUOUS	14	3.8	71,944	1,066,986	*	204,912
1100 POTATOES	1	0.1	0	8,890	*	0
1200 VEGETABLES	21	5.9	165,628	1,407,307	*	314,462
1300 ORNAMENTALS TURF	6	2.3	49,014	609,723	*	0
1500 GRAIN SORGHUM	6	0.7	25,543	153,482	*	3,657
1700 WHEAT	27	12.7	304,141	2,837,990	*	28,471
1800 OTHER SMALL GRAINS	3	0.2	1,554	100,922	*	2,438
1900 PASTURE	4	0.3	15,107	100,937	*	0
2000 FORAGE CROPS	9	2.6	226,572	745,832	*	0
2100 COTTON	11	4.1	204,284	1,039,345	*	57,087
2300 SOYBEANS	2	0.6	17,481	180,506	*	0
2400 PEANUTS	9	2.0	80,133	1,088,330	*	300,785
2800 MISC NEW CROPS	2	0.3	0	50,064	*	0
2900 POULTRY	3	1.0	105,817	385,128	*	0
3000 BEEF CATTLE	47	19.0	598,247	4,921,296	*	314,512
3100 DAIRY CATTLE	13	1.5	18,192	465,249	*	29,172
3200 SWINE	7	2.0	259,273	691,315	*	58,807
3300 SHEEP AND WOOL	4	3.9	0	893,036	*	0
3400 OTHER ANIMALS	8	4.8	34,016	1,032,428	*	30,702
3600 FARM SUPP & FACILITS	3	1.0	7,997	271,618	*	0
3700 CLOTHING & TEXTILES	1	0.1	0	22,762	*	0
3800 FOOD	3	0.2	0	72,446	*	46,180
4000 PEOPLE AS INDIVIDUALS	4	0.9	28,452	75,319	*	0
4100 FAMILY MEMBERS	2	0.5	0	86,254	*	0
4200 FARM AS BUSINESS	10	4.2	110,307	674,093	*	87,154
4300 SOC POLIT ORGANIZ	3	0.4	0	55,274	*	0
4400 AGRIC ECONOMY U S	7	2.6	6,859	459,864	*	98,181
4700 OTH MARKET PROCESS	1	0.8	0	118,733	*	0
6100 WEEDS	3	1.0	29,088	368,276	*	0
6300 BIO CELL SYSTEMS	5	1.9	115,983	443,117	*	0
6500 INVERTEBRATES	3	0.9	4,153	430,171	*	13,265
6600 MICROORGANISMS VIRUSES	7	2.4	53,828	484,895	*	24,550
6700 PLANTS	11	5.1	86,291	1,076,650	*	48,409
6800 ANIMALS(VERTEBRATES)	9	3.3	99,080	808,422	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	1.7	4,098	387,511	*	29,530
TOTAL		111.5	3,259,726	28,436,525	*	2,038,880

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- OREGON CORVALLIS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	23	4.9	78,047	1,332,939	*	157,966
0200 WATER	28	9.1	150,555	1,520,838	*	157,845
0300 WATERSHEDS RIVER BAS	6	1.0	4,285	284,480	*	112,236
0600 TIMBER FORST PRODUCT	19	5.1	40,176	1,018,139	*	185,221
0700 RANGE	16	10.4	29,198	1,859,783	*	292,145
0800 WILDLIFE AND FISH	37	28.5	198,152	9,387,279	*	859,492
1000 FRUIT NUTS DECIDUOUS	45	27.5	496,554	5,425,460	*	603,185
1100 POTATOES	18	6.3	54,065	1,702,029	*	312,073
1200 VEGETABLES	33	13.5	244,304	2,721,008	*	198,307
1300 ORNAMENTALS TURF	7	2.2	9,838	483,452	*	8,479
1400 CORN	3	0.3	5,994	78,041	*	21
1700 WHEAT	29	9.0	43,783	2,168,818	*	320,478
1800 OTHER SMALL GRAINS	10	3.4	37,219	782,318	*	25,119
1900 PASTURE	5	0.8	1,890	147,264	*	142
2000 FORAGE CROPS	19	3.2	33,279	708,257	*	8,129
2300 SOYBEANS	1	0.1	0	10,367	*	0
2500 OTHER OILSEED CROPS	4	4.2	0	704,869	*	186,280
2600 TOBACCO	1	0.3	4,755	110,777	*	16,599
2700 SUGAR CROPS	3	0.4	11,252	107,742	*	0
2800 MISC NEW CROPS	19	8.0	97,388	1,138,784	*	18,490
2900 POULTRY	9	5.2	113,352	883,189	*	20,838
3000 BEEF CATTLE	15	7.0	147,911	1,824,410	*	62,047
3100 DAIRY CATTLE	11	2.8	105,889	732,478	*	18,519
3200 SWINE	3	1.7	0	378,312	*	0
3300 SHEEP AND WOOL	7	3.8	183,881	1,153,505	*	0
3400 OTHER ANIMALS	14	7.1	59,627	1,308,565	*	0
3500 BEES AND HONEY	3	0.4	7,088	77,858	*	29,220
3600 FARM SUPP & FACILITS	1	0.0	240	10,192	*	0
3700 CLOTHING & TEXTILES	1	0.1	7,159	16,258	*	0
3800 FOOD	8	8.7	122,524	1,135,337	*	13,077
3900 HOUSING & EQUIP	2	1.2	20,084	255,011	*	0
4000 PEOPLE AS INDIVIDUALS	15	6.2	120,078	853,658	*	173,856
4100 FAMILY MEMBERS	9	0.8	13,313	147,163	*	29,439
4200 FARM AS BUSINESS	4	1.3	38,934	231,014	*	9,287
4300 SOC POLIT ORGANIZ	4	0.4	2,088	74,831	*	20,840
4400 AGRIC ECONOMY U S	2	0.4	11,508	88,494	*	33,600
4500 AGRIC ECONOMY FORGN	3	0.3	9,420	32,007	*	9,287
4700 OTH MARKET PROCESS	1	0.0	0	29,330	*	25,544
4800 MARKETING SYSTEMS	1	0.0	0	29,330	*	25,544
6100 WEEDS	3	0.4	6,291	52,381	*	0
6200 SEED RESEARCH	4	0.5	817	138,126	*	134
6300 BIO CELL SYSTEMS	3	2.7	28,935	633,105	*	0
6400 EXP DESIGN/STAT METHOD	3	0.4	208	70,133	*	52,306
6500 INVERTEBRATES	8	2.9	39,364	508,977	*	63,023
6600 MICROORGANISMS VIRUSES	16	4.0	13,321	999,871	*	358,144
6700 PLANTS	15	4.1	43,167	1,077,261	*	395,682
6800 ANIMALS(VERTEBRATES)	8	2.0	9,163	476,757	*	6,691
6900 RESEARCH ON RSCH MGMT	1	0.5	8,541	121,369	*	150
7000 RSCH EQUIP & TECHNOLOGY	3	0.5	10,766	111,522	*	0
TOTAL		196.9	2,990,343	42,354,679	*	4,600,459

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- PENNSYLVANIA COLLEGE PARK SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	18	4.2	249,519	1,544,874	*	50,642
0200 WATER	15	4.3	86,749	995,319	*	137,288
0300 WATERSHEDS RIVER BAS	2	0.3	979	59,120	*	20
0500 RECREATION RESOURCES	1	0.1	0	38,318	*	14
0600 TIMBER FORST PRODUCT	31	19.9	520,036	2,757,760	*	410,101
0800 WILDLIFE AND FISH	9	4.0	64,697	1,134,985	*	64,793
1000 FRUIT NUTS DECIDUOUS	18	8.0	404,816	2,301,809	*	150,910
1100 POTATOES	10	2.5	99,039	692,408	*	143,309
1200 VEGETABLES	18	8.3	348,833	2,434,030	*	259,152
1300 ORNAMENTALS TURF	16	4.5	233,289	1,268,019	*	423
1400 CORN	20	9.9	370,725	1,280,443	*	41,783
1700 WHEAT	5	1.3	67,349	257,761	*	82
1800 OTHER SMALL GRAINS	5	0.9	35,460	208,982	*	55,898
1900 PASTURE	3	0.3	7,501	90,478	*	20
2000 FORAGE CROPS	12	3.0	139,130	539,841	*	32,718
2300 SOYBEANS	4	1.0	55,493	151,630	*	50
2600 TOBACCO	1	0.2	12,099	39,309	*	12
2800 MISC NEW CROPS	2	0.9	0	350,250	*	27,000
2900 POULTRY	24	9.9	509,970	2,329,055	*	745
3000 BEEF CATTLE	9	1.4	58,985	740,058	*	246
3100 DAIRY CATTLE	33	12.5	823,283	4,829,840	*	548,686
3200 SWINE	11	3.4	227,584	1,900,313	*	101,730
3300 SHEEP AND WOOL	3	1.6	49,974	792,095	*	282
3400 OTHER ANIMALS	3	0.4	21,297	124,432	*	41
3500 BEES AND HONEY	1	0.1	1,300	85,519	*	23
3800 FOOD	20	9.0	278,811	1,355,778	*	41,524
3900 HOUSING & EQUIP	5	2.7	141,713	748,047	*	235
4000 PEOPLE AS INDIVIDUALS	19	3.8	89,117	933,949	*	16,423
4100 FAMILY MEMBERS	9	1.1	27,972	187,884	*	61
4200 FARM AS BUSINESS	4	0.3	8,874	142,084	*	103,085
4300 SOC POLIT ORGANIZ	22	7.1	224,089	1,577,355	*	125,605
4500 AGRIC ECONOMY FORGN	2	0.3	11,484	325,712	*	27,475
4900 FARM COOPERATIVES	1	0.4	13,524	77,255	*	25
4800 MARKETING SYSTEMS	1	0.2	8,745	31,535	*	115
6300 BIO CELL SYSTEMS	3	1.5	50,222	297,290	*	37,823
6500 INVERTEBRATES	11	1.7	70,585	953,211	*	199,449
6600 MICROORGANISMS VIRUSES	19	2.7	110,329	473,949	*	102,571
6700 PLANTS	27	6.9	332,282	2,021,704	*	335,975
6800 ANIMALS(VERTEBRATES)	12	3.9	193,570	1,043,375	*	319,154
6900 RESEARCH ON RSCH MGMT	1	0.1	2,788	27,393	*	9
7000 RSCH EQUIP & TECHNOLOGY	3	3.9	51,878	389,591	*	64
TOTAL		138.9	6,089,228	39,538,497	*	3,335,536

TABLE II-5 SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- PUERTO RICO RIO PIEDRAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	11	1.8	99,995	354,262	*	40,290
0200 WATER	3	0.5	23,366	81,981	*	9,289
0900 TIMBER FORST PRODUCT	2	0.5	57,247	114,493	*	0
0800 CITRUS SUB TROP FRUT	22	11.7	903,277	1,801,418	*	108,511
1000 FRUIT NUTS DECIDUOUS	2	0.4	45,545	137,182	*	0
1200 VEGETABLES	30	14.9	721,857	2,808,387	*	177,928
1300 ORNAMENTALS TURF	9	1.2	74,388	209,088	*	0
1400 CORN	1	0.0	0	10,388	*	0
1900 RICE	4	0.7	45,012	145,853	*	0
1800 PASTURE	9	1.9	294,315	933,281	*	2,713
2000 FORAGE CROPS	5	1.8	284,040	738,218	*	9,087
2300 SOYBEANS	1	0.0	0	10,388	*	0
2700 SUGAR CROPS	12	9.7	918,438	1,818,950	*	0
2800 MISC NEW CROPS	12	4.4	450,851	1,170,838	*	23,592
3000 BEEF CATTLE	2	0.3	43,710	108,802	*	12,184
3100 DAIRY CATTLE	2	1.5	338,870	758,463	*	12,184
4000 PEOPLE AS INDIVIDUALS	2	1.8	84,778	111,015	*	0
4100 FAMILY MEMBERS	1	0.3	10,425	21,089	*	0
4200 FARM AS BUSINESS	4	1.8	122,017	384,898	*	3,021
8100 WEEDS	2	0.1	2,825	13,444	*	3,402
8500 INVERTEBRATES	1	0.2	0	42,282	*	0
TOTAL		52.3	3,884,334	11,470,337	*	400,203

TABLE II-5 SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- RHODE ISLAND KINGSTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	3	0.8	18,032	27,580	*	0
0200 WATER	7	2.3	118,440	314,415	*	0
0800 TIMBER FORST PRODUCT	1	1.0	31,425	74,501	*	0
0800 WILDLIFE AND FISH	8	5.0	280,742	824,115	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.0	28,884	28,877	*	0
1200 VEGETABLES	1	0.8	42,480	73,531	*	0
1300 ORNAMENTALS TURF	3	3.8	242,128	588,288	*	0
2300 SOYBEANS	2	0.5	48,590	148,853	*	0
2800 POULTRY	1	0.3	20,748	33,958	*	0
3100 DAIRY CATTLE	1	0.3	20,748	33,958	*	0
3300 SHEEP AND WOOL	1	0.1	7,478	8,472	*	0
3800 FARM SUPP & FACILITS	1	0.0	0	3,808	*	0
3800 FOOD	2	1.3	83,288	225,908	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.8	47,723	88,824	*	0
4300 SOC POLIT ORGANIZ	4	2.0	87,781	183,888	*	0
8500 INVERTEBRATES	1	1.0	30,524	82,757	*	0
8700 PLANTS	2	1.5	102,217	285,107	*	0
8800 ANIMALS(VERTEBRATES)	1	0.7	50,300	151,488	*	0
8900 RESEARCH ON RSCH MGMT	1	0.0	7,792	20,883	*	0
TOTAL		22.5	1,255,333	2,958,948	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SOUTH CAROLINA CLEMSON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	13	2.2	125,884	488,758	*	59,857
0200 WATER	6	0.9	64,491	207,307	*	0
0300 WATERSHEDS RIVER BAS	2	0.1	2,656	33,477	*	0
0400 AIR AND CLIMATE	1	0.0	28	35	*	0
0600 TIMBER FORST PRODUCT	5	2.5	6,963	474,501	*	0
0800 WILDLIFE AND FISH	18	7.2	174,470	1,353,886	*	44,092
1000 FRUIT NUTS DECIDUOUS	18	5.8	173,020	1,292,346	*	84,533
1100 POTATOES	1	0.0	0	8,195	*	0
1200 VEGETABLES	23	6.7	135,602	1,571,686	*	198,434
1300 ORNAMENTALS TURF	22	5.7	207,213	1,048,328	*	0
1400 CORN	13	1.8	62,250	360,689	*	0
1500 GRAIN SORGHUM	1	0.0	0	12,898	*	0
1600 RICE	1	0.1	0	13,938	*	0
1700 WHEAT	12	2.7	49,519	511,444	*	0
1800 OTHER SMALL GRAINS	3	0.7	26,578	197,014	*	0
1900 PASTURE	2	0.4	13,531	82,878	*	0
2000 FORAGE CROPS	13	3.0	135,241	676,171	*	0
2100 COTTON	16	3.4	60,637	591,907	*	17,366
2300 SOYBEANS	25	6.2	214,492	1,398,808	*	0
2400 PEANUTS	1	0.0	0	12,998	*	0
2500 OTHER OILSEED CROPS	1	0.2	0	21,211	*	0
2600 TOBACCO	8	2.7	27,412	561,722	*	0
2800 MISC NEW CROPS	1	0.6	6,183	104,133	*	0
2900 POULTRY	16	8.0	220,273	1,049,894	*	0
3000 BEEF CATTLE	20	5.4	495,392	1,810,705	*	0
3100 DAIRY CATTLE	14	1.8	45,871	1,107,048	*	0
3200 SWINE	11	1.6	162,792	538,868	*	0
3300 SHEEP AND WOOL	2	0.7	37,463	130,450	*	0
3400 OTHER ANIMALS	5	0.5	44,790	172,407	*	0
3900 FARM SUPP & FACILITS	2	0.7	19,538	86,088	*	0
3700 CLOTHING & TEXTILES	1	0.0	1,750	4,980	*	0
3800 FOOD	13	4.4	103,978	1,103,608	*	97,043
3900 HOUSING & EQUIP	2	0.6	6,183	121,814	*	0
4000 PEOPLE AS INDIVIDUALS	6	1.1	63,515	182,078	*	0
4200 FARM AS BUSINESS	3	0.8	43,248	128,283	*	35,355
4300 SOC POLIT ORGANIZ	5	1.5	99,539	227,068	*	47,593
4400 AGRIC ECONOMY U S	4	2.9	82,500	694,057	*	70,021
4500 AGRIC ECONOMY FORGN	1	0.2	14,123	19,545	*	0
4800 MARKETING SYSTEMS	2	1.4	73,608	249,972	*	0
6100 WEEDS	3	0.3	13,027	60,322	*	0
6300 BIO CELL SYSTEMS	1	0.3	18,611	59,459	*	0
6400 EXP DESIGN/STAT METHOD	1	2.3	0	331,718	*	0
6500 INVERTEBRATES	11	3.5	9,980	838,530	*	46,374
6800 MICROORGANISMS VIRUSES	7	1.9	87,856	384,047	*	83,562
6700 PLANTS	9	15.9	10,170	4,644,416	*	553,930
6600 ANIMALS(VERTEBRATES)	6	2.8	9,926	1,112,310	*	70,021
7000 RSCH EQUIP & TECHNOLOGY	3	0.4	6,344	39,220	*	0
TOTAL		110.1	3,156,665	25,888,396	*	1,408,983

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SOUTH DAKOTA BROOKINGS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	21	5.2	100,676	1,008,811	*	141,375
0200 WATER	12	3.5	37,241	697,574	*	42,298
0400 AIR AND CLIMATE	1	1.5	41,536	78,288	*	0
0500 RECREATION RESOURCES	1	0.1	4,013	9,147	*	0
0600 TIMBER FORST PRODUCT	5	1.9	79,193	240,029	*	0
0700 RANGE	9	2.6	96,126	448,683	*	22,575
0800 WILDLIFE AND FISH	6	1.1	76,151	921,013	*	13,943
1000 FRUIT NUTS DECIDUOUS	3	0.8	48,915	116,574	*	2,588
1200 VEGETABLES	1	0.5	18,170	77,758	*	0
1300 ORNAMENTALS TURF	2	0.3	2,773	42,784	*	0
1400 CORN	26	5.3	125,622	617,475	*	21,719
1500 GRAIN SORGHUM	6	0.5	6,922	72,085	*	57
1700 WHEAT	20	6.2	173,332	913,804	*	2,577
1800 OTHER SMALL GRAINS	15	3.7	74,075	720,983	*	552
1900 PASTURE	1	0.3	12,994	14,457	*	0
2000 FORAGE CROPS	12	2.1	39,181	315,920	*	414
2300 SOYBEANS	17	3.1	74,433	467,817	*	5,978
2500 OTHER OILSEED CROPS	6	1.7	50,272	285,833	*	40,741
2800 MISC NEW CROPS	3	0.6	10,760	84,937	*	0
2900 POULTRY	2	1.0	54,548	133,218	*	0
3000 BEEF CATTLE	20	7.4	378,356	2,340,940	*	5,935
3100 DAIRY CATTLE	12	4.1	189,043	783,202	*	12,384
3200 SWINE	19	5.7	357,538	984,988	*	107,589
3300 SHEEP AND WOOL	5	1.0	74,584	253,818	*	0
3400 OTHER ANIMALS	4	1.7	108,989	231,241	*	0
3700 CLOTHING & TEXTILES	1	0.2	8,570	10,000	*	0
3900 HOUSING & EQUIP	2	0.7	32,817	78,844	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.2	10,551	57,194	*	0
4200 FARM AS BUSINESS	2	0.5	28,422	77,505	*	0
4300 SOC POLIT ORGANIZ	2	0.3	16,740	30,545	*	0
4700 OTH MARKET PROCESS	1	0.3	23,390	33,628	*	0
6100 WEEDS	2	0.1	1,146	54,703	*	23,720
6500 INVERTEBRATES	1	0.0	0	2,329	*	2,329
6600 MICROORGANISMS VIRUSES	3	0.3	18,080	122,844	*	21,739
6700 PLANTS	8	3.1	4,249	718,398	*	117,087
6800 ANIMALS(VERTEBRATES)	5	9.2	54,599	1,787,228	*	28,888
TOTAL		76.8	2,436,886	14,885,952	*	914,281

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- TENNESSEE KNOXVILLE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	20	7.5	329,383	1,923,891	*	99,449
0200 WATER	13	2.5	155,540	890,298	*	58,801
0300 WATERSHEDS RIVER BAS	1	0.1	1,449	5,948	*	0
0400 AIR AND CLIMATE	3	1.4	44,003	402,334	*	0
0500 RECREATION RESOURCES	2	0.7	45,788	77,742	*	0
0600 TIMBER FORST PRODUCT	21	7.3	485,493	2,006,582	*	115,141
0800 WILDLIFE AND FISH	9	2.8	129,331	761,173	*	12,332
1000 FRUIT NUTS DECIDUOUS	5	2.8	121,274	848,065	*	28,875
1200 VEGETABLES	16	7.9	211,895	1,550,043	*	81,778
1300 ORNAMENTALS TURF	13	6.4	343,139	1,303,903	*	891
1400 CORN	14	2.6	118,751	818,006	*	8,396
1500 GRAIN SORGHUM	1	0.1	4,252	74,883	*	0
1700 WHEAT	8	1.6	57,337	434,171	*	14,706
1800 OTHER SMALL GRAINS	4	0.6	22,808	242,035	*	5,038
1900 PASTURE	5	1.9	124,378	554,383	*	0
2000 FORAGE CROPS	10	3.8	272,006	1,229,965	*	0
2100 COTTON	11	2.9	97,314	779,527	*	19,258
2300 SOYBEANS	23	6.4	283,403	1,520,183	*	67,131
2500 OTHER OILSEED CROPS	2	0.8	44,844	179,648	*	0
2600 TOBACCO	9	3.0	100,337	985,995	*	0
2800 MISC NEW CROPS	3	1.0	45,845	301,063	*	86,297
2900 POULTRY	2	2.9	152,652	438,784	*	0
3000 BEEF CATTLE	19	4.5	241,921	2,220,381	*	174,947
3100 DAIRY CATTLE	21	6.5	510,344	3,769,355	*	84,142
3200 SWINE	8	6.5	213,038	1,320,089	*	0
3300 SHEEP AND WOOL	2	0.8	32,784	299,319	*	0
3400 OTHER ANIMALS	5	1.0	16,723	182,980	*	0
3800 FOOD	7	4.2	182,617	835,604	*	15,209
3900 HOUSING & EQUIP	1	0.3	23,242	101,366	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.7	21,316	201,032	*	35,480
4200 FARM AS BUSINESS	3	1.0	73,544	210,300	*	0
4300 SOC POLIT ORGANIZ	6	3.2	177,930	481,553	*	39,226
4700 OTH MARKET PROCESS	1	0.0	4,032	65,281	*	0
6100 WEEDS	1	0.2	4,647	12,613	*	0
6300 BIO CELL SYSTEMS	1	0.1	6,405	30,674	*	0
6600 MICROORGANISMS VIRUSES	5	0.6	35,431	138,098	*	0
6700 PLANTS	8	1.9	116,753	526,823	*	8,225
6800 ANIMALS(VERTEBRATES)	5	0.5	30,293	184,382	*	914
7000 RSCH EQUIP & TECHNOLOGY	2	0.2	7,083	20,203	*	0
TOTAL		99.1	4,848,885	27,476,570	*	958,232

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- TEXAS COLLEGE STATION SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	44	12.9	251,993	3,987,956	*	222,586
0200 WATER	47	13.3	195,181	3,589,321	*	371,134
0300 WATERSHEDS RIVER BAS	10	1.2	8,959	588,759	*	89,940
0400 AIR AND CLIMATE	1	1.0	5,409	214,044	*	104,330
0500 RECREATION RESOURCES	7	1.4	8,998	248,327	*	13,769
0600 TIMBER FORST PRODUCT	28	10.7	278,248	4,075,850	*	985,658
0700 RANGE	34	14.2	468,367	5,073,593	*	440,925
0800 WILDLIFE AND FISH	31	10.9	214,593	4,032,441	*	266,957
0900 CITRUS SUB TROP FRUT	10	2.5	14,105	698,634	*	44,985
1000 FRUIT NUTS DECIDUOUS	19	6.9	209,296	1,674,783	*	32,727
1100 POTATOES	5	1.0	20,578	532,544	*	85,147
1200 VEGETABLES	37	15.7	455,610	4,359,901	*	221,820
1300 ORNAMENTALS TURF	22	12.4	308,985	2,934,649	*	1,807
1400 CORN	45	10.0	123,991	2,871,158	*	341,114
1500 GRAIN SORGHUM	50	14.3	215,809	4,500,928	*	350,788
1600 RICE	18	4.8	89,912	2,193,486	*	98,547
1700 WHEAT	41	11.7	305,300	3,031,731	*	337,514
1800 OTHER SMALL GRAINS	10	3.3	74,533	828,138	*	101,738
1900 PASTURE	7	2.6	73,738	568,534	*	432
2000 FORAGE CROPS	26	9.6	193,490	2,520,913	*	45,921
2100 COTTON	58	22.6	366,820	6,309,889	*	411,269
2200 COTTONSEED	5	0.5	185	126,922	*	252
2300 SOYBEANS	21	6.3	157,744	1,928,606	*	44,731
2400 PEANUTS	16	6.0	43,375	2,087,791	*	56,231
2500 OTHER OILSEED CROPS	4	0.3	11,277	88,846	*	3,130
2700 SUGAR CROPS	11	4.9	165,085	1,654,277	*	2,441
2800 MISC NEW CROPS	8	3.1	134,435	670,163	*	115,644
2900 POULTRY	22	7.7	255,893	2,520,365	*	33,763
3000 BEEF CATTLE	86	26.2	881,454	12,623,486	*	1,512,222
3100 DAIRY CATTLE	34	8.1	179,863	3,832,152	*	547,563
3200 SWINE	12	1.8	38,869	590,673	*	95,351
3300 SHEEP AND WOOL	28	4.8	74,518	1,736,228	*	102,620
3400 OTHER ANIMALS	30	9.9	136,893	3,445,984	*	314,153
3500 BEES AND HONEY	2	1.9	3,600	551,961	*	4,938
3600 FARM SUPP & FACILITS	1	0.1	9,510	25,791	*	602
3800 FOOD	11	3.8	136,114	786,575	*	133,709
3900 HOUSING & EQUIP	4	1.4	28,240	400,882	*	2,145
4000 PEOPLE AS INDIVIDUALS	9	2.9	50,437	929,853	*	131,440
4100 FAMILY MEMBERS	1	0.2	900	34,069	*	0
4200 FARM AS BUSINESS	8	5.6	180,004	1,120,771	*	54,040
4300 SOC POLIT ORGANIZ	7	3.4	11,680	950,705	*	41,480
4400 AGRIC ECONOMY U S	9	6.9	53,595	1,472,719	*	520,627
6100 WEEDS	1	0.1	4,859	44,192	*	4,026
6200 SEED RESEARCH	1	0.2	3,623	53,101	*	0
6300 BIO CELL SYSTEMS	13	12.8	103,755	3,987,023	*	18
6400 EXP DESIGN/STAT METHOD	3	0.8	0	206,538	*	0
6500 INVERTEBRATES	8	4.1	36,440	1,251,847	*	91,757
6600 MICROORGANISMS VIRUSES	10	2.0	28,846	652,974	*	197,773
6700 PLANTS	10	4.5	18,248	1,501,019	*	273,595
6800 ANIMALS(VERTEBRATES)	14	2.5	70,719	1,436,394	*	59,852
6900 RESEARCH ON RSCH MGMT	1	0.0	0	1,187	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	2,811	65,857	*	0
TOTAL		319.1	6,684,882	101,598,824	*	8,890,186

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- UTAH LOGAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	16	4.6	128,591	875,584	*	6,194
0200 WATER	15	3.1	82,946	535,760	*	28,291
0300 WATERSHEDS RIVER BAS	3	0.3	3,272	62,038	*	4,217
0400 AIR AND CLIMATE	2	1.6	13,822	523,998	*	0
0500 RECREATION RESOURCES	3	0.9	31,625	105,773	*	0
0600 TIMBER FORST PRODUCT	12	2.5	83,941	318,196	*	0
0700 RANGE	20	3.5	70,506	961,354	*	105,148
0800 WILDLIFE AND FISH	7	1.0	0	188,285	*	0
1000 FRUIT NUTS DECIDUOUS	10	2.4	176,499	372,509	*	21,498
1100 POTATOES	2	0.5	23,446	59,282	*	0
1200 VEGETABLES	2	0.2	0	52,347	*	0
1300 ORNAMENTALS TURF	1	0.0	0	297,308	*	0
1400 CORN	2	0.4	25,431	71,909	*	0
1700 WHEAT	18	5.4	100,348	1,480,786	*	67,660
1800 OTHER SMALL GRAINS	7	1.8	52,129	332,856	*	23,435
1900 PASTURE	1	0.2	0	58,894	*	23,435
2000 FORAGE CROPS	19	5.0	177,861	776,163	*	77,354
2800 MISC NEW CROPS	1	0.0	0	16,570	*	0
2900 POULTRY	5	3.3	75,283	519,378	*	0
3000 BEEF CATTLE	17	2.9	84,612	773,605	*	685
3100 DAIRY CATTLE	28	6.7	89,823	1,751,375	*	2,063
3200 SWINE	1	0.0	0	15,570	*	0
3300 SHEEP AND WOOL	21	5.9	204,667	1,812,903	*	294,982
3400 OTHER ANIMALS	4	1.0	48,496	188,082	*	0
3500 BEES AND HONEY	3	0.6	30,254	131,492	*	67,475
3800 FOOD	1	0.3	0	38,209	*	0
4000 PEOPLE AS INDIVIDUALS	11	2.8	100,624	579,907	*	0
4100 FAMILY MEMBERS	3	0.6	33,192	129,180	*	0
4200 FARM AS BUSINESS	1	0.0	0	5,575	*	0
4300 SOC POLIT ORGANIZ	7	1.3	11,533	351,216	*	0
4800 MARKETING SYSTEMS	1	0.4	28,791	47,666	*	0
6100 WEEDS	2	0.2	0	57,260	*	23,435
6200 SEED RESEARCH	1	0.0	0	350	*	0
6300 BIO CELL SYSTEMS	1	0.8	34,587	112,233	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	9,621	18,788	*	0
6500 INVERTEBRATES	2	0.1	0	29,429	*	18,387
6600 MICROORGANISMS VIRUSES	2	0.0	0	41,688	*	41,517
6700 PLANTS	18	3.5	78,028	812,896	*	133,613
6800 ANIMALS(VERTEBRATES)	11	7.1	25,353	1,347,227	*	66,521
6900 RESEARCH ON RSCH MGMT	1	0.1	10,403	57,112	*	0
TOTAL		71.2	1,815,680	15,899,909	*	1,006,311

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- VERMONT BURLINGTON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AOMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	6	1.7	105,227	384,522	*	110,628
0200 WATER	2	0.5	6,460	105,465	*	58,146
0500 RECREATION RESOURCES	1	0.4	8,475	24,990	*	0
1000 FRUIT NUTS DECIDUOUS	5	1.2	91,688	301,650	*	41,358
1100 POTATOES	1	0.6	11,985	68,330	*	0
1300 ORNAMENTALS TURF	2	0.4	31,105	87,467	*	0
1400 CORN	2	0.1	6,823	21,934	*	7,635
2000 FORAGE CROPS	2	0.5	25,773	77,769	*	33,765
2900 POULTRY	1	0.4	22,264	58,911	*	0
3100 DAIRY CATTLE	8	4.9	446,326	1,293,825	*	58,760
3400 OTHER ANIMALS	3	0.8	70,071	153,207	*	0
3700 CLOTHING & TEXTILES	1	0.8	1,350	14,265	*	0
4000 PEOPLE AS INDIVIDUALS	3	1.4	47,163	241,680	*	0
4100 FAMILY MEMBERS	2	0.2	17,413	53,443	*	6,312
4300 SOC POLIT ORGANIZ	2	0.9	34,938	218,547	*	73,480
4400 AGRIC ECONOMY U S	1	0.4	8,825	39,005	*	0
4500 AGRIC ECONOMY FORGN	1	0.3	10,140	44,980	*	0
4600 FARM COOPERATIVES	1	0.4	13,425	41,535	*	0
4800 MARKETING SYSTEMS	1	0.2	2,905	16,835	*	0
6300 BIO CELL SYSTEMS	2	0.5	12,575	62,900	*	0
6500 INVERTEBRATES	2	2.3	26,825	461,897	*	182,588
6600 MICROORGANISMS VIRUSES	2	0.4	54,543	179,242	*	614
6700 PLANTS	6	1.8	177,498	580,974	*	144,040
6800 ANIMALS(VERTEBRATES)	2	0.9	99,148	214,982	*	0
6900 RESEARCH ON RSCH MGMT	2	1.0	0	576,198	*	576,198
TOTAL		23.1	1,332,920	5,302,750	*	1,293,719

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- VIRGIN ISLANDS ST. THOMAS SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	2	0.2	11,462	16,801	*	5,339
0200 WATER	2	0.1	11,462	13,750	*	2,288
0600 TIMBER FORST PRODUCT	2	0.1	47,522	93,549	*	3,051
0700 RANGE	1	0.3	58,385	89,823	*	0
0800 WILDLIFE AND FISH	4	0.7	201,687	335,227	*	20,161
0900 CITRUS SUB TROP FRUT	3	0.9	97,405	183,676	*	33,823
1200 VEGETABLES	7	1.0	181,098	275,000	*	34,721
1300 ORNAMENTALS TURF	1	0.3	0	19,392	*	19,392
2000 FORAGE CROPS	2	0.5	67,232	122,526	*	19,092
3300 SHEEP AND WOOL	5	1.0	134,750	216,496	*	32,625
3900 HOUSING & EQUIP	1	0.1	11,462	11,462	*	0
TOTAL		5.1	802,463	1,377,702	*	170,492

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- VIRGINIA BLACKSBURG SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	18	9.4	332,635	2,728,532	*	102,533
0200 WATER	12	3.6	79,789	1,095,987	*	90,543
0300 WATERSHEDS RIVER BAS	5	3.8	83,239	1,065,097	*	50,526
0500 RECREATION RESOURCES	3	1.8	24,444	392,286	*	69,701
0600 TIMBER FORST PRODUCT	38	15.9	553,397	4,459,240	*	775,572
0800 WILDLIFE AND FISH	15	8.0	127,540	2,879,045	*	100,723
1000 FRUIT NUTS DECIDUOUS	15	4.4	127,222	1,101,408	*	35,681
1100 POTATOES	6	3.2	64,959	1,097,518	*	25,547
1200 VEGETABLES	8	3.8	118,833	880,730	*	51,202
1300 ORNAMENTALS TURF	11	5.8	188,687	1,346,569	*	911
1400 CORN	18	6.5	56,064	1,465,340	*	25,621
1700 WHEAT	14	3.5	64,363	548,814	*	18,203
1800 OTHER SMALL GRAINS	1	0.3	0	45,053	*	0
2000 FORAGE CROPS	5	1.9	101,840	467,090	*	1,958
2100 COTTON	6	0.2	5,511	34,703	*	7,587
2300 SOYBEANS	13	3.7	80,650	939,021	*	13,928
2400 PEANUTS	8	6.8	78,211	882,278	*	47,489
2600 TOBACCO	3	2.7	38,867	718,900	*	8,228
2700 SUGAR CROPS	1	0.6	40,826	193,459	*	225
2800 MISC NEW CROPS	4	0.6	35,453	79,895	*	3,470
2900 POULTRY	16	6.2	184,537	1,773,258	*	60,221
3000 BEEF CATTLE	29	8.2	204,139	2,920,440	*	51,323
3100 DAIRY CATTLE	25	10.1	230,602	2,537,326	*	62,204
3200 SWINE	16	5.6	170,826	1,554,088	*	20,751
3300 SHEEP AND WOOL	17	3.9	141,020	1,138,070	*	38,831
3400 OTHER ANIMALS	12	4.6	53,269	1,626,545	*	17,649
3500 BEES AND HONEY	1	0.0	5,356	116,318	*	9,072
3700 CLOTHING & TEXTILES	4	0.0	16,207	64,394	*	99
3800 FOOD	3	2.8	37,064	388,254	*	6,139
3900 HOUSING & EQUIP	6	1.4	86,594	535,978	*	58,349
4000 PEOPLE AS INDIVIDUALS	11	3.0	130,111	626,770	*	36,563
4100 FAMILY MEMBERS	3	0.4	42,387	143,871	*	148
4200 FARM AS BUSINESS	3	0.7	22,467	113,906	*	21,768
4300 SOC POLIT ORGANIZ	4	0.0	3,874	72,821	*	27,700
4400 AGRIC ECONOMY U S	3	0.7	15,208	98,080	*	8,272
4500 AGRIC ECONOMY FORGN	1	0.2	5,113	20,242	*	0
4700 OTH MARKET PROCESS	1	1.0	38,621	135,650	*	2,190
4800 MARKETING SYSTEMS	1	0.1	3,083	7,768	*	125
6100 WEEDS	5	1.1	49,180	190,885	*	10,689
6300 BIO CELL SYSTEMS	4	2.0	104,695	499,603	*	0
6500 INVERTEBRATES	7	3.6	227,653	847,494	*	97,668
6600 MICROORGANISMS VIRUSES	14	8.7	236,806	2,351,830	*	41,904
6700 PLANTS	14	3.4	124,842	850,437	*	75,379
6800 ANIMALS(VERTEBRATES)	7	3.0	28,852	670,081	*	402
6900 RESEARCH ON RSCH MGMT	2	1.0	20,282	102,831	*	1,658
7000 RSCH EQUIP & TECHNOLOGY	3	2.0	0	952,433	*	279,484
TOTAL		160.2	4,385,115	42,358,093	*	2,356,209

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- WASHINGTON PULLMAN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	30	8.0	243,215	2,198,555	*	457,099
0200 WATER	15	5.7	188,320	1,208,958	*	212,242
0300 WATERSHEDS RIVER BAS	3	0.8	9,885	112,392	*	21,184
0400 AIR AND CLIMATE	1	0.4	0	139,885	*	0
0500 RECREATION RESOURCES	4	0.9	23,754	159,887	*	14,123
0800 TIMBER FORST PRODUCT	21	5.7	430,491	1,853,913	*	236,779
0700 RANGE	3	0.6	11,223	110,318	*	0
0800 WILDLIFE AND FISH	8	3.2	19,812	826,028	*	105,505
1000 FRUIT NUTS DECIDUOUS	55	19.2	785,859	9,826,095	*	455,401
1100 POTATOES	25	4.7	150,752	1,722,755	*	398,300
1200 VEGETABLES	41	9.1	343,343	3,027,322	*	157,209
1300 ORNAMENTALS TURF	7	2.8	16,808	955,152	*	32,985
1400 CORN	10	0.9	18,795	319,185	*	78,823
1800 RICE	2	1.0	5,920	245,270	*	0
1700 WHEAT	35	8.9	114,290	2,944,318	*	340,588
1800 OTHER SMALL GRAINS	22	4.1	48,791	1,804,828	*	307,841
1900 PASTURE	1	0.1	2,873	17,513	*	0
2000 FORAGE CROPS	14	2.3	238,317	913,164	*	78,432
2500 OTHER OILSEED CROPS	4	0.9	54,974	250,828	*	23,880
2900 TOBACCO	1	0.3	4,254	82,898	*	0
2800 MISC NEW CROPS	15	4.3	185,793	1,323,155	*	138,430
2900 POULTRY	7	3.2	85,172	815,958	*	0
3000 BEEF CATTLE	29	3.9	172,123	1,824,927	*	24,907
3100 DAIRY CATTLE	28	5.5	180,958	1,515,823	*	31,079
3200 SWINE	10	1.8	37,827	577,518	*	732
3300 SHEEP AND WOOL	9	1.5	85,441	289,782	*	325
3400 OTHER ANIMALS	9	0.8	39,887	283,085	*	325
3500 BEES AND HONEY	1	0.1	231	48,524	*	4,149
3700 CLOTHING & TEXTILES	1	0.0	208	4,371	*	0
3800 FOOD	14	3.2	77,178	841,350	*	57,711
3900 HOUSING & EQUIP	2	0.2	824	72,845	*	0
4000 PEOPLE AS INDIVIDUALS	14	3.9	9,805	502,299	*	2,997
4100 FAMILY MEMBERS	5	0.4	3,398	55,887	*	0
4200 FARM AS BUSINESS	3	0.5	5,782	70,288	*	9
4300 SOC POLIT ORGANIZ	6	0.9	8,395	153,423	*	0
4400 AGRIC ECONOMY U S	1	0.0	1,095	29,978	*	0
4600 AGRIC ECONOMY FORGN	1	0.3	0	59,124	*	0
4700 OTH MARKET PROCESS	1	0.0	0	9,732	*	0
5100 WEEDS	3	0.1	6,081	46,151	*	9
5200 SEED RESEARCH	4	0.4	8,580	107,703	*	1,208
5300 BIO CELL SYSTEMS	3	1.5	17,753	884,395	*	0
5400 EXP DESIGN/STAT METHOD	2	0.4	7,075	70,878	*	8
5500 INVERTEBRATES	5	1.2	2,248	221,288	*	12,808
5600 MICROORGANISMS VIRUSES	10	0.7	23,985	320,313	*	180,894
5700 PLANTS	19	4.1	106,383	2,024,358	*	200,889
5800 ANIMALS(VERTEBRATES)	1	0.5	238	89,511	*	0
5900 RESEARCH ON RSCH MGMT	2	0.7	31,941	84,787	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.0	190	8,878	*	0
TOTAL		115.5	3,758,130	37,280,875	*	3,555,971

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- WEST VIRGINIA MORGANTOWN SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	9	3.4	269,153	635,172	*	0
0200 WATER	12	2.8	184,337	510,955	*	5,954
0300 WATERSHEDS RIVER BAS	2	0.1	4,038	8,788	*	0
0500 RECREATION RESOURCES	3	1.8	28,885	440,248	*	108,818
0800 TIMBER FORST PRODUCT	21	7.2	478,718	1,815,121	*	397,858
0800 WILDLIFE AND FISH	8	2.4	102,831	538,840	*	112,195
1000 FRUIT NUTS DECIDUOUS	8	3.5	182,778	528,358	*	14,984
1100 POTATOES	2	0.8	41,501	78,887	*	3,183
1200 VEGETABLES	2	1.0	89,383	158,184	*	0
1300 ORNAMENTALS TURF	3	0.4	20,450	81,188	*	0
1400 CORN	3	0.3	5,800	18,572	*	0
1700 WHEAT	2	0.2	5,385	13,283	*	0
1800 OTHER SMALL GRAINS	1	0.0	0	2,544	*	0
1900 PASTURE	4	1.2	112,022	207,582	*	0
2000 FORAGE CROPS	7	2.2	181,183	328,418	*	0
2800 MISC NEW CROPS	1	0.2	13,715	28,458	*	0
2900 POULTRY	8	3.1	254,188	845,888	*	0
3000 BEEF CATTLE	7	2.3	186,787	477,484	*	7,180
3100 DAIRY CATTLE	2	2.2	311,081	888,838	*	0
3200 SWINE	1	0.2	0	88,804	*	47,583
3300 SHEEP AND WOOL	6	1.3	85,252	371,484	*	51,405
3400 OTHER ANIMALS	1	0.3	28,372	75,812	*	0
3700 CLOTHING & TEXTILES	1	0.0	0	1,584	*	0
3800 FOOD	1	0.0	887	1,234	*	0
3900 HOUSING & EQUIP	2	1.5	71,355	188,738	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.2	14,108	52,018	*	0
4100 FAMILY MEMBERS	2	0.2	31,287	37,938	*	0
4200 FARM AS BUSINESS	1	0.1	9,857	13,230	*	0
4300 SOC POLIT ORGANIZ	3	0.8	14,108	93,248	*	0
8300 BIO CELL SYSTEMS	1	0.8	0	42,118	*	0
8700 PLANTS	3	1.1	48,758	148,284	*	18,287
8800 ANIMALS(VERTEBRATES)	2	0.2	8,857	25,540	*	4,485
7000 RSCH EQUIP & TECHNOLOGY	1	0.3	12,877	28,215	*	0
8800 UNCLASSIFIED	1	0.0	0	24,871	*	8,408
TOTAL		42.1	2,825,728	8,394,878	*	775,758

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- WISCONSIN MADISON SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	43	8.2	296,209	2,414,137	*	88,353
0200 WATER	17	3.6	111,732	749,285	*	83,128
0300 WATERSHEDS RIVER BAS	1	0.2	0	24,136	*	0
0400 AIR AND CLIMATE	1	0.3	20,822	59,845	*	0
0500 RECREATION RESOURCES	4	1.8	33,136	259,885	*	0
0600 TIMBER FORST PRODUCT	31	8.7	493,390	2,614,937	*	84,525
0700 RANGE	1	0.1	0	101,520	*	0
0800 WILDLIFE AND FISH	14	3.6	82,185	1,384,399	*	90,371
1000 FRUIT NUTS DECIDUOUS	12	2.1	93,490	982,058	*	0
1100 POTATOES	22	4.8	252,928	1,727,843	*	233,598
1200 VEGETABLES	32	7.6	334,875	2,847,303	*	146,903
1300 ORNAMENTALS TURF	4	1.0	17,888	233,291	*	0
1400 CORN	18	4.5	105,888	1,953,187	*	119,007
1600 RICE	1	0.8	20,617	135,782	*	0
1700 WHEAT	3	0.2	3,034	73,768	*	1,178
1800 OTHER SMALL GRAINS	9	0.8	23,133	528,394	*	98,580
2000 FORAGE CROPS	23	4.4	142,455	1,478,787	*	100,143
2300 SOYBEANS	11	2.1	92,710	788,181	*	58,101
2500 OTHER OILSEED CROPS	1	0.1	0	41,038	*	17,841
2600 TOBACCO	1	0.1	0	14,855	*	0
2800 MISC NEW CROPS	1	0.4	0	194,888	*	0
2900 POULTRY	8	4.1	198,754	1,122,840	*	88,894
3000 BEEF CATTLE	20	3.6	114,784	2,018,845	*	503,883
3100 DAIRY CATTLE	73	18.7	851,998	9,878,578	*	478,480
3200 SWINE	17	4.5	151,118	1,842,993	*	153,583
3300 SHEEP AND WOOL	8	1.8	98,875	798,410	*	101,828
3400 OTHER ANIMALS	7	1.7	28,946	890,483	*	99,204
3800 FARM SUPP & FACILITS	5	1.0	5,013	220,470	*	12,357
3700 CLOTHING & TEXTILES	1	0.2	33,493	33,880	*	0
3600 FOOD	20	7.8	217,290	3,136,833	*	48,780
3900 HOUSING & EQUIP	4	1.0	41,794	278,004	*	0
4000 PEOPLE AS INDIVIDUALS	15	5.8	170,134	1,588,158	*	38,887
4100 FAMILY MEMBERS	3	0.8	37,823	74,533	*	0
4200 FARM AS BUSINESS	9	2.8	103,295	851,848	*	60,898
4300 SOC POLIT ORGANIZ	15	4.7	108,448	4,200,058	*	25,207
4400 AGRIC ECONOMY U S	7	2.8	58,748	478,778	*	103,920
4600 FARM COOPERATIVES	2	0.3	13,843	98,708	*	0
4800 MARKETING SYSTEMS	3	0.1	0	38,075	*	25,805
6100 WEEDS	7	1.9	58,881	703,869	*	2,284
6300 BIO CELL SYSTEMS	30	12.7	81,723	7,072,070	*	98,770
6400 EXP DESIGN/STAT METHOD	2	0.7	18,712	217,017	*	0
6500 INVERTEBRATES	20	8.1	235,913	2,088,383	*	231,421
6600 MICRODRGANISMS VIRUSES	33	13.1	188,223	4,893,142	*	491,244
6700 PLANTS	42	9.8	256,745	3,208,388	*	705,286
6800 ANIMALS(VERTEBRATES)	17	5.0	155,245	2,928,092	*	64,782
6900 RESEARCH ON RSCH MGMT	2	0.5	31,318	73,168	*	0
7000 RSCH EQUIP & TECHNOLOGY	4	2.8	17,958	3,532,355	*	0
TOTAL		198.5	5,284,400	99,998,041	*	4,394,915

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- WYOMING LARAMIE SAES

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	4	0.7	33,068	213,988	*	0
0200 WATER	4	1.0	38,328	141,871	*	22,287
0300 WATERSHEDS RIVER BAS	2	0.1	3,715	10,055	*	0
0600 TIMBER FORST PRODUCT	4	1.1	62,238	140,424	*	0
0700 RANGE	10	4.4	223,757	1,100,125	*	78,111
0800 WILDLIFE AND FISH	4	0.3	10,068	51,335	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.2	6,271	38,770	*	0
1200 VEGETABLES	1	0.1	0	12,833	*	0
1400 CORN	1	0.1	0	12,833	*	0
1700 WHEAT	2	0.3	17,138	58,571	*	7,200
1800 OTHER SMALL GRAINS	2	0.2	12,745	44,290	*	4,800
1900 PASTURE	3	0.3	20,844	64,319	*	14,984
2000 FORAGE CROPS	4	2.0	117,510	335,019	*	0
2300 SOYBEANS	1	0.3	15,158	43,022	*	0
2500 OTHER OILSEED CROPS	1	0.2	0	9,727	*	0
2700 SUGAR CROPS	3	1.1	38,007	291,087	*	0
2900 POULTRY	1	0.1	3,571	9,884	*	0
3000 BEEF CATTLE	21	7.4	398,785	1,328,752	*	70,432
3100 DAIRY CATTLE	2	0.2	7,372	24,955	*	0
3200 SWINE	3	0.3	21,888	58,445	*	0
3300 SHEEP AND WOOL	20	8.8	371,352	1,413,147	*	180,194
3400 OTHER ANIMALS	5	1.9	60,449	447,058	*	133,084
3700 CLOTHING & TEXTILES	1	0.5	30,882	233,728	*	0
4000 PEOPLE AS INDIVIDUALS	5	1.1	70,318	217,242	*	0
4100 FAMILY MEMBERS	2	0.5	23,954	60,177	*	0
4200 FARM AS BUSINESS	2	0.2	8,084	17,142	*	850
4300 SOC POLIT ORGANIZ	1	0.0	3,135	7,875	*	0
4400 AGRIC ECONOMY U S	1	0.8	0	97,903	*	2,500
6100 WEEDS	1	0.1	0	35,351	*	12,991
6200 SEED RESEARCH	1	0.3	30,882	77,078	*	0
6500 INVERTEBRATES	2	0.5	40,835	158,901	*	0
6600 MICROORGANISMS VIRUSES	1	0.1	2,921	7,083	*	0
6700 PLANTS	5	1.8	18,854	188,420	*	1,548
6800 ANIMALS(VERTEBRATES)	2	0.2	13,587	41,470	*	518
TOTAL		35.3	1,872,848	8,880,771	*	530,295
GRAND TOTAL		9474.5	181,595,395	1,748,523,563	*	142,941,283

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NATIONAL TOTAL FORESTRY SCHOOLS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	58	11.8	209,115	4,438,492	*	368,288
0200 WATER	36	14.0	18,081	2,878,322	*	183,641
0300 WATERSHEDS RIVER BAS	55	13.8	115,823	4,921,145	*	383,286
0400 AIR AND CLIMATE	19	7.0	37,728	1,870,857	*	78,838
0500 RECREATION RESOURCES	37	11.1	172,986	2,898,481	*	453,911
0600 TIMBER FORST PRODUCT	453	188.4	3,326,007	52,527,443	*	7,319,920
0700 RANGE	19	6.2	133,949	1,145,550	*	66,017
0800 WILDLIFE AND FISH	83	12.5	391,819	4,170,847	*	444,851
1000 FRUIT NUTS DECIDUOUS	2	0.2	0	13,805	*	0
1800 OTHER SMALL GRAINS	1	0.1	0	34,864	*	23,177
2000 FORAGE CROPS	1	0.5	0	157,810	*	0
2500 OTHER OILSEED CROPS	1	0.0	0	19,776	*	19,776
3600 FARM SUPP & FACILITS	2	0.1	0	33,301	*	0
3900 HOUSING & EQUIP	1	0.2	0	72,928	*	0
4000 PEOPLE AS INDIVIDUALS	3	0.7	8,618	226,359	*	2,795
4300 SOC POLIT ORGANIZ	8	1.1	40,683	236,819	*	72,171
6300 BIO CELL SYSTEMS	2	0.4	0	159,324	*	0
6400 EXP DESIGN/STAT METHOD	6	1.0	11,097	351,331	*	22,988
6500 INVERTEBRATES	8	0.3	5,685	185,517	*	73,185
6600 MICROORGANISMS VIRUSES	12	1.7	44,433	570,847	*	49,088
6700 PLANTS	10	1.0	10,484	727,377	*	78,536
6800 ANIMALS(VERTEBRATES)	1	0.1	0	15,632	*	0
6900 RESEARCH ON RSCH MGMT	2	0.2	0	55,451	*	30,827
7000 RSCH EQUIP & TECHNOLOGY	21	5.4	90,286	2,138,219	*	158,267
TOTAL		277.6	4,616,593	79,850,198	*	9,789,549

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL FORESTRY SCHOOLS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	8	1.0	50,213	372,020	*	23,443
102 SOIL PLNT WTR NUTRI	46	8.2	363,209	3,017,449	*	474,603
103 MGMT OF SALINE SOILS	3	0.7	18,251	166,371	*	0
104 ALTERN USE OF LAND	9	1.0	75,029	393,165	*	41,759
105 CONSERV USE OF WATER	4	0.8	64,798	170,115	*	0
106 DRAIN AND IRRIGATION	1	0.0	0	20,485	*	0
107 WATERSHED PROT & MGMT	43	9.9	106,763	3,475,722	*	418,055
108 ECON LEG PROB OF WAT	3	2.0	0	355,018	*	0
109 WEATHER ADAPT & MOD	14	2.2	50,356	1,210,476	*	81,114
110 APPRAIS FORST & RANGS	76	16.5	296,151	4,783,595	*	448,362
111 BIOL CULT MGMT FORSTS	134	70.5	947,058	18,988,251	*	2,973,381
112 IMPROV RANGE RESOR	9	4.9	63,151	710,702	*	32,835
113 REMOTE SENSING	25	5.8	178,057	1,811,143	*	75,830
114 RSCH ON MGMT OF RSCH	2	0.2	0	55,451	*	30,827
SUBTOTAL		123.5	2,209,030	35,529,962	*	4,600,207
SERIES 200						
201 CNTRL FORST INSECTS	23	2.9	103,013	1,021,699	*	96,844
202 CONTROL FOREST DIS	21	4.6	202,230	1,095,916	*	199,354
203 FOREST FIRE PROTECT	9	0.5	4,980	182,441	*	101,980
205 CNTR DISE FRT & VEG	1	0.0	0	1,745	*	0
206 CNTR WEEDS FRT & VEG	1	0.0	6,873	14,101	*	0
207 CNTR PESTS FLO CROPS	1	0.0	0	39,552	*	39,552
214 PROTECT FROM POLLUTION	14	3.6	16,801	1,813,102	*	120,986
SUBTOTAL		11.6	333,896	4,168,557	*	558,718
SERIES 300						
301 GENET BREED FORST TRE	38	24.9	324,940	6,791,454	*	592,600
302 IMP FOREST ENG SYS	19	4.8	111,667	1,460,310	*	416,989
303 ECON TIMBER PRODUCTN	7	1.4	92,200	332,132	*	68,842
304 IMP BIO EFF FRT & VEGS	1	0.2	0	12,160	*	0
315 IMP STRUC FARM SUPP	1	0.0	0	16,183	*	0
317 MECH/STRUCTS ANML PRO	1	0.1	0	17,118	*	0
318 NON COM BIO TECH/BIMET	23	4.6	20,100	1,622,218	*	136,072
SUBTOTAL		36.0	548,907	10,251,575	*	1,214,502
SERIES 400						
401 NEW IMP FOREST PROD	73	42.9	572,198	11,153,235	*	1,028,774
407 NEW IMP NON FOOD FC	1	0.5	0	157,810	*	0
408 MKT QUAL FIELD CROPS	1	0.1	0	34,864	*	23,177
SUBTOTAL		43.5	572,198	11,345,709	*	1,051,951
SERIES 500						
502 MKTG TIMBER PRODUCTS	11	1.9	23,634	472,453	*	154,339
506 SPLY DEMAND AND PRIC	1	0.2	0	33,035	*	0
508 DOMESTIC MKT DEVELP	1	0.1	0	50,147	*	0
511 IMP AGRIC STATISTICS	1	0.1	11,097	28,859	*	11,631
512 IMP GRADES FRST PROD	2	0.7	52,113	104,475	*	1,209
513 PRICE ANAL FRST PROD	11	1.4	65,508	360,691	*	105,683
SUBTOTAL		4.5	152,351	1,049,660	*	272,862
SERIES 600						
601 FGN MKT DEVELP	9	1.6	11,097	907,405	*	407,933
603 TECH AID DEV CRTY	2	0.3	0	85,594	*	0
SUBTOTAL		1.9	11,097	992,999	*	407,933
SERIES 800						
804 ECON POTENT RURL PEO	2	0.5	0	160,040	*	0
805 COMMUNICAT EDUC PROC	5	0.7	24,056	179,522	*	22,022
SUBTOTAL		1.2	24,056	339,562	*	22,022
SERIES 900						
901 ALLEV POLLUTION	26	27.6	16,049	7,385,717	*	223,518
902 OUTDOOR RECREATION	32	10.6	111,209	2,743,014	*	413,880
903 MULTI USE FOREST POTEN	35	8.1	371,199	2,908,198	*	816,989
904 WLDLFE AND FISH ECOL	61	8.8	241,355	3,050,830	*	391,229
905 TREES BEAUTIFICATION	3	0.1	0	35,440	*	4,790
907 RURAL INCOME IMP	2	0.1	25,245	48,973	*	10,949
SUBTOTAL		55.4	765,057	16,172,172	*	1,861,355
SCIENCE IN SERV OF MAN						
GRAND TOTAL		277.6	4,616,593	79,850,199	*	9,789,549

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH ANN ARBOR F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.0	0	3,872	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	13,154	89,826	*	20,000
0500 RECREATION RESOURCES	3	0.3	3,431	70,322	*	23,500
0900 TIMBER FORST PRDUCT	17	2.4	129,271	1,244,334	*	85,250
0700 RANGE	1	0.1	0	30,390	*	20,000
0800 WILDLIFE AND FISH	3	0.1	3,431	42,005	*	23,500
4300 SOC POLIT ORGANIZ	1	0.1	15,438	47,810	*	15,750
8700 PLANTS	1	0.0	8,873	14,101	*	0
TOTAL		3.2	171,597	1,548,892	*	188,000

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH ARCATA F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0300 WATERSHEDS RIVER BAS	1	0.0	9,038	18,038	*	0
0900 TIMBER FORST PRDUCT	10	0.9	74,214	236,284	*	0
0800 WILDLIFE AND FISH	1	0.0	0	2,888	*	0
TOTAL		1.0	83,252	257,210	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH BURLINGTON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	2	0.4	88,008	73,636	*	0
0300 WATERSHEDS RIVER BAS	1	0.1	5,515	36,283	*	0
0500 RECREATION RESOURCES	1	0.3	53,787	82,738	*	0
0900 TIMBER FORST PRDUCT	8	1.4	55,880	451,522	*	100,285
0800 WILDLIFE AND FISH	2	0.2	88,872	88,438	*	18,587
8800 MICROORGANISMS VIRUSES	1	0.3	0	88,033	*	25,894
8700 PLANTS	2	0.2	3,911	86,126	*	33,098
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	18,880	22,787	*	3,907
TOTAL		3.0	278,831	920,777	*	178,721

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH CARBONDALE F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.1	2,302	7,632	*	0
0400 AIR AND CLIMATE	1	0.4	8,787	32,882	*	0
0500 RECREATION RESOURCES	1	0.1	34,277	41,365	*	0
0900 TIMBER FORST PRDUCT	11	5.4	110,432	548,856	*	0
TOTAL		6.0	153,798	631,554	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH CLEMSON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	5	0.8	17,858	81,033	*	0
0200 WATER	2	0.1	3,870	14,881	*	0
0300 WATERSHEDS RIVER BAS	2	0.3	0	42,381	*	0
0500 RECREATION RESOURCES	1	0.1	0	18,353	*	0
0900 TIMBER FORST PRDUCT	38	11.3	421,198	1,537,833	*	0
0800 WILDLIFE AND FISH	5	0.4	17,125	88,788	*	0
TOTAL		12.8	459,818	1,771,848	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH CORVALLIS F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	6	2.9	80,580	877,563	*	216,822
0200 WATER	4	6.1	0	979,858	*	118,818
0300 WATERSHEDS RIVER BAS	2	2.8	0	870,858	*	195,114
0400 AIR AND CLIMATE	1	0.4	0	46,088	*	0
0500 RECREATION RESOURCES	4	3.1	25,900	1,018,198	*	208,093
0800 TIMBER FORST PRODUCT	40	42.2	448,588	11,201,285	*	3,081,726
0800 WILDLIFE AND FISH	6	2.6	44,400	707,073	*	183,935
2000 FORAGE CROPS	1	0.5	0	157,810	*	0
4300 SOC POLIT ORGANIZ	2	0.3	11,100	84,815	*	52,844
6800 MICROORGANISMS VIRUSES	1	0.2	14,400	59,010	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	6,800	28,208	*	8,307
TOTAL		61.0	631,749	15,828,346	*	4,083,758

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH FLAGSTAFF F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.0	0	11,800	*	0
0200 WATER	1	0.1	0	2,453	*	2,277
0300 WATERSHEDS RIVER BAS	3	0.2	3,508	38,317	*	10,778
0500 RECREATION RESOURCES	6	1.0	4,342	86,258	*	24,283
0800 TIMBER FORST PRODUCT	28	6.3	113,379	1,314,508	*	228,268
0700 RANGE	1	0.2	0	18,454	*	0
0800 WILDLIFE AND FISH	4	0.9	6,240	93,861	*	41,918
4000 PEOPLE AS INDIVIDUALS	1	0.2	0	120,080	*	0
TOTAL		8.9	127,467	1,884,731	*	305,520

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH FT COLLINS F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.1	0	13,824	*	0
0200 WATER	2	0.1	0	14,432	*	0
0300 WATERSHEDS RIVER BAS	1	0.0	0	9,000	*	0
0800 TIMBER FORST PRODUCT	7	1.0	0	218,118	*	0
0700 RANGE	1	0.0	0	5,520	*	0
0800 WILDLIFE AND FISH	1	0.0	0	281	*	0
8700 PLANTS	1	0.1	0	13,824	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	0	43,846	*	0
TOTAL		1.4	0	318,824	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH HOUGHTON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	2	0.2	0	660,091	*	33,321
0200 WATER	1	0.1	0	33,321	*	33,321
0400 AIR AND CLIMATE	1	0.1	0	34,019	*	0
0800 TIMBER FORST PRODUCT	18	16.4	180,545	3,744,898	*	96,098
0800 WILDLIFE AND FISH	2	0.3	0	105,388	*	0
TOTAL		17.1	180,545	4,577,718	*	182,740

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH MISSOULA F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GRDSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	5	0.4	0	120,127	*	22,335
0200 WATER	4	1.0	0	118,249	*	0
0300 WATERSHEDS RIVER BAS	7	0.8	24,438	140,890	*	0
0400 AIR AND CLIMATE	1	0.0	0	20,980	*	20,680
0500 RECREATION RESOURCES	9	1.3	14,145	398,211	*	83,914
0600 TIMBER FORST PRODUCT	48	13.2	203,827	1,845,880	*	198,448
0700 RANGE	8	3.8	0	853,498	*	5,233
0800 WILDLIFE AND FISH	11	1.7	94,172	308,138	*	92,647
1000 FRUIT NUTS DECIDUOUS	1	0.2	0	12,180	*	0
2500 OTHER OILSEED CROPS	1	0.0	0	18,778	*	18,778
4300 SOC POLIT ORGANIZ	1	0.0	14,145	14,145	*	0
6500 INVERTEBRATES	1	0.0	0	18,778	*	18,776
6900 RESEARCH ON RSCH MGMT	1	0.1	0	5,859	*	0
7000 RSCH EQUIP & TECHNOLOGY	3	1.3	41,993	209,849	*	0
TOTAL		24.1	382,817	3,857,002	*	493,808

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH MOSCOW F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GRDSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.0	0	11,977	*	4,019
0200 WATER	2	0.3	7,707	83,411	*	8,037
0300 WATERSHEDS RIVER BAS	1	0.0	0	11,977	*	4,019
0400 AIR AND CLIMATE	1	0.4	30,971	82,071	*	0
0500 RECREATION RESOURCES	1	2.5	0	258,093	*	0
0600 TIMBER FORST PRODUCT	9	11.4	191,454	1,791,057	*	25,407
0700 RANGE	7	2.1	133,948	524,979	*	31,621
0800 WILDLIFE AND FISH	4	1.3	21,344	293,094	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.3	8,918	50,058	*	0
4300 SOC POLIT ORGANIZ	1	0.3	0	38,990	*	0
TOTAL		18.7	394,042	3,126,843	*	73,102

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH NACOGDOCHES F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GRDSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	3	0.7	27,952	299,017	*	0
0200 WATER	1	0.2	2,158	44,169	*	0
0500 RECREATION RESOURCES	1	0.8	5,909	414,219	*	91,875
0600 TIMBER FORST PRODUCT	9	2.7	155,783	1,431,597	*	12,016
0800 WILDLIFE AND FISH	2	0.8	48,303	495,591	*	0
TOTAL		4.8	239,811	2,984,592	*	103,891

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH RALEIGH F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GRDSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	5	0.5	1,522	514,209	*	20,308
0200 WATER	2	0.0	507	47,754	*	0
0300 WATERSHEDS RIVER BAS	2	0.4	18,592	48,190	*	92
0500 RECREATION RESOURCES	1	1.0	31,218	178,207	*	0
0600 TIMBER FORST PRODUCT	34	12.3	499,999	5,907,049	*	1,097,191
0800 WILDLIFE AND FISH	5	1.1	14,117	178,739	*	2,095
3900 FARM SUPP & FACILITS	1	0.1	0	17,118	*	0
6400 EXP DESIGN/STAT METHOD	1	0.1	11,097	28,859	*	11,631
6700 PLANTS	1	0.2	0	357,398	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.3	15,545	190,285	*	7,790
TOTAL		19.0	592,294	7,195,742	*	1,109,077

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH RUSTON F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0600 TIMBER FORST PRODUCT	8	3.1	158,098	324,171	*	0
TOTAL		3.1	158,098	324,171	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH S L OBISPO F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 TIMBER FORST PRODUCT	2	1.3	23,538	193,381	*	0
0800 WILDLIFE AND FISH	1	0.3	3,380	26,690	*	0
TOTAL		1.6	26,918	220,071	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH SEATTLE F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	15	0.4	0	457,313	*	31,700
0200 WATER	8	0.4	0	229,436	*	491
0300 WATERSHEDS RIVER BAS	23	2.2	41,383	1,754,763	*	110,164
0400 AIR AND CLIMATE	10	0.6	0	490,981	*	58,159
0500 RECREATION RESOURCES	6	0.1	0	116,375	*	0
0800 TIMBER FORST PRODUCT	100	9.1	255,905	8,189,727	*	1,942,908
0700 RANGE	1	0.0	0	14,742	*	9,164
0800 WILDLIFE AND FISH	15	1.8	44,778	1,097,142	*	84,220
1000 FRUIT NUTS DECIDUOUS	1	0.0	0	1,745	*	0
3800 FARM SUPP & FACILITS	1	0.0	0	16,183	*	0
4300 SOC POLIT ORGANIZ	1	0.0	0	5,594	*	3,477
6400 EXP DESIGN/STAT METHOD	1	0.0	0	445	*	278
6800 MICROORGANISMS VIRUSES	3	0.5	0	188,447	*	0
6700 PLANTS	2	0.1	0	50,805	*	285
6900 RESEARCH ON RSCH MGMT	1	0.1	0	49,595	*	30,827
7000 RSCH EQUIP & TECHNOLOGY	5	0.4	0	424,082	*	94,268
TOTAL		15.9	342,067	13,085,173	*	2,365,934

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FORESTRY SCH SYRACUSE F S

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	10	5.3	10,097	1,298,002	*	39,783
0200 WATER	9	5.6	4,039	1,329,557	*	697
0300 WATERSHEDS RIVER BAS	10	6.6	0	2,055,840	*	23,131
0400 AIR AND CLIMATE	4	5.0	0	1,164,157	*	0
0500 RECREATION RESOURCES	3	0.7	0	268,122	*	22,248
0800 TIMBER FORST PRODUCT	67	47.9	356,041	12,546,344	*	483,325
0800 WILDLIFE AND FISH	22	1.1	24,658	665,836	*	0
1800 OTHER SMALL GRAINS	1	0.1	0	34,864	*	23,177
3900 HOUSING & EQUIP	1	0.2	0	72,928	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.2	0	58,221	*	2,795
4300 SOC POLIT ORGANIZ	2	0.3	0	44,598	*	0
6300 BIO CELL SYSTEMS	2	0.4	0	159,324	*	0
6400 EXP DESIGN/STAT METHOD	4	0.9	0	322,028	*	11,079
6500 INVERTEBRATES	7	0.3	5,685	165,741	*	53,389
6800 MICROORGANISMS VIRUSES	7	0.6	30,033	237,357	*	23,223
6700 PLANTS	3	0.4	0	192,351	*	45,154
6800 ANIMALS(VERTEBRATES)	1	0.1	0	15,632	*	0
7000 RSCH EQUIP & TECHNOLOGY	8	3.2	7,069	1,219,263	*	45,997
TOTAL		78.9	437,621	21,848,184	*	773,997
GRAND TOTAL		277.6	4,618,593	79,850,196	*	9,789,549

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NATIONAL TOTAL 1890 INSTITUTIONS/TUSKEGEE UNIV

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	14	5.3	937,349	1,064,426	*	68,859
0200 WATER	6	2.4	124,374	244,078	*	42,110
0300 WATERSHEDS RIVER BAS	5	2.2	232,005	382,720	*	141,027
0600 TIMBER FORST PRODUCT	7	3.5	303,333	449,143	*	135,310
0700 RANGE	1	0.3	67,532	67,532	*	0
0800 WILDLIFE AND FISH	18	10.1	1,519,625	2,004,277	*	265,333
0900 CITRUS SUB TROP FRUT	2	0.2	40,676	40,676	*	0
1000 FRUIT NUTS DECIDUOUS	9	5.4	710,632	987,026	*	207,393
1100 POTATOES	1	0.0	0	16,227	*	16,227
1200 VEGETABLES	37	23.3	2,815,862	3,190,428	*	278,923
1300 ORNAMENTALS TURF	7	4.0	559,486	654,220	*	84,234
1400 CORN	9	3.8	524,152	543,432	*	16,735
1500 GRAIN SORGHUM	3	0.5	66,834	67,317	*	0
1600 RICE	1	0.1	0	13,980	*	13,980
1700 WHEAT	3	0.2	19,248	33,739	*	14,493
1800 OTHER SMALL GRAINS	4	0.2	0	28,582	*	16,768
1900 PASTURE	1	0.5	76,587	88,942	*	0
2000 FORAGE CROPS	12	3.8	779,812	852,282	*	27,644
2100 COTTON	1	1.2	0	68,273	*	68,273
2300 SOYBEANS	21	13.2	1,906,339	2,163,107	*	143,509
2400 PEANUTS	3	1.3	191,911	194,666	*	2,755
2500 OTHER OILSEED CROPS	7	5.2	750,145	762,500	*	0
2600 MISC NEW CROPS	5	2.4	282,760	382,669	*	99,909
2900 POULTRY	11	8.1	1,003,810	1,641,342	*	511,489
3000 BEEF CATTLE	10	4.1	940,380	1,054,904	*	83,610
3100 DAIRY CATTLE	5	1.0	354,082	1,020,190	*	641,052
3200 SWINE	7	3.8	893,145	939,689	*	7,098
3300 SHEEP AND WOOL	5	1.3	388,102	427,547	*	2,949
3400 OTHER ANIMALS	35	21.8	3,630,368	4,299,708	*	438,060
3500 BEES AND HONEY	2	1.0	166,195	166,195	*	0
3700 CLOTHING & TEXTILES	3	1.0	147,562	147,562	*	0
3800 FOOD	7	3.4	552,589	662,179	*	43,687
4000 PEOPLE AS INDIVIDUALS	33	17.1	2,331,415	2,716,681	*	371,266
4100 FAMILY MEMBERS	7	4.0	485,190	709,720	*	132,831
4200 FARM AS BUSINESS	8	1.6	224,085	263,507	*	0
4300 SOC POLIT ORGANIZ	10	6.1	823,075	823,075	*	0
4400 AGRIC ECONOMY U S	2	0.6	125,571	163,585	*	0
4700 OTH MARKET PROCESS	1	0.2	27,354	37,589	*	0
4800 MARKETING SYSTEMS	4	2.0	336,190	343,059	*	0
6100 WEEDS	3	1.3	201,769	205,596	*	3,827
6300 BIO CELL SYSTEMS	1	0.0	0	14,304	*	14,304
6500 INVERTEBRATES	2	1.1	74,418	81,594	*	7,176
6600 MICROORGANISMS VIRUSES	4	1.4	299,317	312,233	*	12,917
6700 PLANTS	8	1.1	283,819	452,571	*	168,002
6800 ANIMALS(VERTEBRATES)	4	2.0	199,476	236,629	*	37,112
7000 RSCH EQUIP & TECHNOLOGY	2	0.4	33,468	80,876	*	46,499
TOTAL		174.2	25,430,039	31,100,573	*	4,167,354

TABLE II-O SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL 1890 INSTITUTIONS/TUSKEGEE UNIV

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	2	0.9	234,452	234,452	*	0
102 SOIL PLNT WTR NUTRI	13	5.1	890,354	950,591	*	23,249
103 MGMT OF SALINE SOILS	1	0.8	166,884	170,858	*	0
104 ALTERN USE OF LAND	3	0.9	90,484	144,795	*	7,098
105 CONSERV USE OF WATER	4	2.2	167,692	197,692	*	0
107 WATERSHED PROT & MGMT	2	1.0	144,147	245,866	*	101,719
108 ECON LEG PROB OF WAT	1	0.1	24,402	24,402	*	0
109 WEATHER ADAPT & MOD	2	0.2	53,539	53,539	*	0
112 IMPROV RANGE RESOR	1	0.3	67,532	67,532	*	0
113 REMOTE SENSING	1	0.3	0	78,618	*	78,618
SUBTOTAL		11.9	1,869,266	2,168,141	*	210,681
SERIES 200						
202 CONTROL FOREST DIS	2	1.7	154,170	184,784	*	30,614
204 CNTR PESTS FRT & VEGS	5	2.8	214,204	239,605	*	25,401
205 CNTR DISE FRT & VEG	9	1.6	140,814	366,013	*	204,500
206 CNTR WEEDS FRT & VEG	5	1.4	169,566	169,566	*	0
207 CNTR PESTS FLD CROPS	5	3.7	430,254	541,881	*	111,627
208 CNTR DIS FIELD CROPS	4	2.2	293,790	295,397	*	0
209 CNTR WEEDS FLD CROPS	4	2.1	340,331	348,598	*	0
211 CONTR DIS ANIMALS	3	0.9	99,884	99,884	*	0
212 CNTR INTER PARASITES	2	1.7	155,192	169,935	*	14,743
213 PROT ANMLS FROM TOXINS	2	0.6	1,513	308,538	*	306,984
214 PROTECT FROM POLLUTION	2	0.3	18,203	23,712	*	5,509
SUBTOTAL		18.2	2,017,920	2,748,912	*	899,377
SERIES 300						
301 GENET BREED FORST TRE	4	1.4	106,793	172,181	*	65,388
304 IMP BIO EFF FRT & VEGS	28	12.9	1,909,108	2,096,482	*	114,495
306 PROD MGMT SYS F & V	8	4.4	607,921	634,825	*	7,098
307 IMP BIO EFF FLD CRP	27	11.0	1,851,857	2,277,864	*	280,765
309 PROD MGMT SYS FLD CRP	7	3.9	462,451	529,585	*	34,740
310 ANIMAL REPRODUCTION	18	8.6	1,828,680	1,936,855	*	52,885
311 IMP BIO EFF ANML PR	35	16.7	3,109,414	4,314,138	*	860,974
312 ENV STRESS IN ANML PR	2	0.9	108,470	108,470	*	0
313 PROD MGMT SYS ANML PR	11	4.8	879,977	1,165,126	*	429,188
314 BEES OTH POLLNTNG INS	2	1.0	166,195	166,195	*	0
316 FARM BUSINESS MGMT	3	0.5	91,470	126,918	*	0
318 NON COM BIO TECH/BIMET	4	1.0	199,331	238,485	*	38,224
SUBTOTAL		87.3	11,121,666	13,768,681	*	1,883,744
SERIES 400						
402 PROD F & V IMP ACCEPT	4	1.8	73,484	210,452	*	109,388
403 NEW & IMP F & V PROD	4	0.8	70,525	139,114	*	54,789
404 MKT QUAL FRTS & VEGS	3	0.8	100,426	139,920	*	39,494
405 PROD FLD CROP IMP ACPT	5	1.2	104,055	132,015	*	27,960
406 NEW IMP FOOD FLD CROP	2	0.7	121,281	121,281	*	0
407 NEW IMP NON FOOD FC	5	2.2	376,378	376,833	*	0
408 MKT QUAL FIELD CROPS	2	1.7	267,838	267,838	*	0
409 PROD ANML PR IMP ACCP	5	0.3	69,932	83,768	*	13,838
410 IMP MEAT MILK EGG PR	3	1.2	291,112	291,112	*	0
411 IMP NON FOOD ANML PR	1	0.1	16,734	17,189	*	0
SUBTOTAL		11.0	1,491,744	1,779,520	*	245,467
SERIES 500						
501 IMP GRADES & STANDS	1	0.1	0	23,880	*	16,790
503 MKTG EFF AGRI PRODS	3	0.8	166,046	190,171	*	0
506 SPLY DEMAND AND PRIC	4	1.6	259,526	259,526	*	0
508 DOMESTIC MKT DEVELP	4	1.9	198,448	215,381	*	16,934
509 PERFORMANCE MKTG SYS	4	1.1	283,083	287,948	*	0
510 GROUP ACT MKT POWER	1	0.1	16,509	16,509	*	0
SUBTOTAL		5.7	923,610	993,223	*	33,724
SERIES 700						
701 TOX RES IN FOOD	1	0.8	84,516	88,634	*	0
702 FOOD PROT FROM TOX	5	2.3	482,847	487,817	*	0
703 FOOD CONSUMP HABITS	11	3.3	532,442	619,577	*	24,578
705 SEL CARE CLOTH & TEXTL	2	0.7	87,878	87,878	*	0
708 HUMAN NUTRITION	26	14.6	1,886,000	2,315,111	*	381,703
709 REDUCE HAZ HLTH & SFTY	1	0.1	41,466	41,466	*	0
SUBTOTAL		22.1	3,115,149	3,640,483	*	406,282
SERIES 800						
801 RURAL HOUSING	3	0.8	191,756	191,756	*	0
802 INDIV & FAM DEC MAKING	13	3.5	408,895	841,304	*	143,554
803 RURAL POVERTY	2	1.6	222,535	222,535	*	0
804 ECON POTENT RURL PEO	10	4.5	644,598	659,438	*	4,259
805 COMMUNICAT EDUC PROC	9	2.7	500,430	512,563	*	10,588
808 ADJUSTMENT TO CHANGE	6	2.3	303,985	310,916	*	6,388
807 AGRIC ECONOMIC CHANGE	8	4.0	496,712	526,816	*	0
SUBTOTAL		19.4	2,768,911	3,065,327	*	164,790
SERIES 900						
901 ALLEV POLLUTION	5	2.7	131,749	285,787	*	88,132
904 WLDLFE AND FISH ECOL	15	8.7	1,267,435	1,733,998	*	285,333
905 TREES BEAUTIFICATION	2	1.6	275,258	296,258	*	0
908 ORNAMENT & TURF DEV	5	2.4	245,334	329,567	*	84,234
907 RURAL INCOME IMP	4	1.2	103,912	192,590	*	87,592
908 RURAL INSTITUT IMP	2	0.9	98,085	98,085	*	0
SUBTOTAL		17.8	2,121,773	2,936,286	*	523,291
SCIENCE IN SERV OF MAN						
GRAND TOTAL		174.2	25,430,039	31,100,573	*	4,167,354

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- AG TECH NC. GREENSBORO 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	2	0.2	238,969	245,711	*	0
0800 WILDLIFE AND FISH	1	0.7	152,018	159,105	*	0
1200 VEGETABLES	1	0.1	24,170	24,921	*	0
1400 CORN	2	0.2	34,989	35,627	*	0
1500 GRAIN SORGHUM	1	0.1	17,956	18,438	*	0
2000 FORAGE CROPS	1	0.3	57,284	58,825	*	0
2300 SOYBEANS	3	1.3	233,342	240,820	*	0
2800 POULTRY	1	0.8	157,230	161,456	*	0
3000 BEEF CATTLE	1	0.3	143,993	148,487	*	0
3100 DAIRY CATTLE	1	0.1	16,734	17,189	*	0
3200 SWINE	2	1.1	467,728	489,356	*	0
3300 SHEEP AND WOOL	1	0.3	143,693	148,487	*	0
3800 FOOD	1	0.8	84,516	88,634	*	0
4000 PEOPLE AS INDIVIDUALS	2	0.8	182,943	187,893	*	0
4200 FARM AS BUSINESS	2	1.0	127,907	131,039	*	0
4800 MARKETING SYSTEMS	2	1.4	231,232	238,101	*	0
6700 PLANTS	1	0.1	24,170	24,921	*	0
9800 ANIMALS(VERTEBRATES)	1	0.0	1,513	1,554	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.3	33,466	34,377	*	0
TOTAL		9.6	2,372,948	2,448,913	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ALA A&M NORMAL 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	2	0.5	29,682	60,278	*	44,022
0200 WATER	2	0.2	13,441	41,685	*	18,867
0300 WATERSHEDS RIVER BAS	2	0.2	13,441	62,438	*	38,308
0600 TIMBER FORST PRODUCT	3	0.1	0	43,498	*	43,498
1000 FRUIT NUTS DECIDUOUS	1	1.3	154,200	154,200	*	0
1200 VEGETABLES	1	0.3	0	27,240	*	0
1500 GRAIN SORGHUM	1	0.2	29,833	29,833	*	0
1700 WHEAT	2	0.0	0	14,493	*	14,493
1600 OTHER SMALL GRAINS	3	0.0	0	13,021	*	11,870
2000 FORAGE CROPS	1	0.3	38,812	38,812	*	0
2100 COTTON	1	1.2	0	88,273	*	88,273
2300 SOYBEANS	4	1.8	334,790	339,370	*	0
2500 OTHER OILSEED CROPS	1	0.1	8,980	8,980	*	0
2800 POULTRY	1	0.2	73,245	73,988	*	0
3000 BEEF CATTLE	1	0.1	31,153	39,397	*	0
3100 DAIRY CATTLE	1	0.3	153,417	176,018	*	0
3300 SHEEP AND WOOL	1	0.3	93,458	109,100	*	0
3400 OTHER ANIMALS	2	0.5	148,754	183,401	*	0
3800 FOOD	2	0.4	84,540	107,533	*	21,208
4000 PEOPLE AS INDIVIDUALS	1	0.4	93,242	100,995	*	0
4100 FAMILY MEMBERS	1	0.1	0	9,688	*	0
4200 FARM AS BUSINESS	1	0.4	66,432	81,286	*	0
4400 AGRIC ECONOMY U S	1	0.6	101,602	139,618	*	0
4700 OTH MARKET PROCESS	1	0.2	27,354	37,588	*	0
6300 BIO CELL SYSTEMS	1	0.0	0	14,304	*	14,304
TOTAL		9.7	1,491,177	2,050,633	*	275,815

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ALA TUSKEGEE TUSKEGEE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.3	14,096	14,096	*	0
0200 WATER	1	0.3	14,096	14,096	*	0
1000 FRUIT NUTS DECIDUOUS	2	0.3	32,248	71,741	*	38,484
1200 VEGETABLES	5	5.8	528,747	631,372	*	102,628
2800 POULTRY	1	0.5	95,343	95,343	*	0
3200 SWINE	1	0.5	48,132	48,132	*	0
3400 OTHER ANIMALS	1	2.1	167,028	187,028	*	0
3800 FOOD	2	0.8	101,611	124,089	*	22,478
4000 PEOPLE AS INDIVIDUALS	4	1.8	132,504	204,312	*	71,808
4100 FAMILY MEMBERS	1	2.4	278,034	278,034	*	0
6100 WEEDS	1	0.0	0	3,827	*	3,827
6500 INVERTEBRATES	1	0.1	0	7,176	*	7,176
6800 MICROORGANISMS VIRUSES	1	0.2	0	12,817	*	12,817
TOTAL		15.4	1,431,838	1,892,162	*	290,326

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ALCORN A&M LORMAN 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
1000 FRUIT NUTS DECIDUOUS	1	0.6	192,804	192,804	*	0
1200 VEGETABLES	3	1.7	407,559	407,559	*	0
2000 FORAGE CROPS	1	0.0	115,540	115,540	*	0
2300 SOYBEANS	1	0.1	85,825	85,825	*	0
2900 POULTRY	2	1.0	124,023	431,007	*	306,984
3000 BEEF CATTLE	1	0.0	115,540	115,540	*	0
4000 PEOPLE AS INDIVIDUALS	3	1.5	411,824	411,824	*	0
4300 SOC POLIT ORGANIZ	1	0.2	48,207	48,207	*	0
4800 MARKETING SYSTEMS	1	0.4	80,195	80,195	*	0
TOTAL		5.6	1,559,118	1,886,100	*	306,984

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- ARK A&M PINE BLUFF 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	5	2.2	383,606	400,143	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.2	38,982	38,982	*	0
1200 VEGETABLES	2	1.7	177,120	177,120	*	0
2000 FORAGE CROPS	1	1.0	128,988	128,889	*	0
2500 OTHER OILSEED CROPS	1	1.2	152,388	152,388	*	0
2800 MISC NEW CROPS	1	0.6	78,193	78,193	*	0
2900 POULTRY	2	1.1	154,040	154,040	*	0
3700 CLOTHING & TEXTILES	2	0.7	87,878	87,878	*	0
4000 PEOPLE AS INDIVIDUALS	2	1.0	110,208	110,208	*	0
4100 FAMILY MEMBERS	1	0.1	50,242	50,242	*	0
TOTAL		9.9	1,355,845	1,372,182	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- OEL STATE COL OOVER 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0600 TIMBER FORST PRODUCT	1	0.1	42,370	52,870	*	0
0800 WILDLIFE AND FISH	1	1.0	78,852	90,852	*	0
1200 VEGETABLES	1	1.0	115,852	129,852	*	0
1300 ORNAMENTALS TURF	1	0.1	42,370	52,870	*	0
2000 FORAGE CROPS	2	0.4	165,400	200,220	*	0
3000 BEEF CATTLE	1	0.0	20,600	26,880	*	0
TOTAL		2.7	463,544	553,444	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- FLORIDA A&M TALLAHASSE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	2	1.8	146,884	201,349	*	24,836
0200 WATER	2	1.4	21,888	113,037	*	23,243
0300 WATERSHEDS RIVER BAS	1	1.0	74,418	74,418	*	0
0800 WILDLIFE AND FISH	1	0.4	38,958	38,958	*	0
1000 FRUIT NUTS DECIDUOUS	1	1.4	0	236,900	*	167,900
1200 VEGETABLES	2	1.2	89,877	105,438	*	7,098
1800 OTHER SMALL GRAINS	1	0.2	0	15,561	*	7,098
2000 FORAGE CROPS	1	0.2	0	15,561	*	7,088
2400 PEANUTS	1	1.0	136,080	138,080	*	0
3000 BEEF CATTLE	1	1.0	80,118	80,118	*	0
3200 SWINE	2	1.2	80,803	96,184	*	7,098
3400 OTHER ANIMALS	2	1.1	114,858	153,781	*	17,740
4000 PEOPLE AS INDIVIDUALS	2	1.1	104,621	104,621	*	0
8100 WEEDS	1	1.0	183,514	183,514	*	0
8500 INVERTEBRATES	1	1.0	74,418	74,418	*	0
TOTAL		15.2	1,128,238	1,809,898	*	262,104

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- FT. VALLEY COL FORT VALLEY 1860

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0200 WATER	1	0.4	74,950	74,950	*	0
0600 CITRUS SUB TROP FRUT	2	0.2	40,678	40,678	*	0
1000 FRUIT NUTS DECIDUOUS	1	0.5	108,878	108,878	*	0
1200 VEGETABLES	3	2.0	313,911	313,911	*	0
1300 ORNAMENTALS TURF	1	0.3	38,274	38,274	*	0
2000 FORAGE CROPS	2	0.1	38,480	57,028	*	20,548
2300 SOYBEANS	1	0.8	188,848	188,848	*	0
3400 OTHER ANIMALS	9	1.4	482,291	548,417	*	58,158
4000 PEOPLE AS INDIVIDUALS	1	1.0	127,153	127,153	*	0
4300 SOC POLIT ORGANIZ	1	0.8	88,352	88,352	*	0
8800 ANIMALS(VERTEBRATES)	1	1.0	151,583	151,583	*	0
TOTAL		8.4	1,847,871	1,724,575	*	78,704

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- KY STATE COLL FRANKFORT 1860

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.5	82,887	82,887	*	0
0300 WATERSHEDS RIVER BAS	2	1.0	144,147	245,898	*	101,718
0600 TIMBER FORST PRODUCT	1	0.4	108,783	108,783	*	0
0800 WILDLIFE AND FISH	4	2.2	485,773	582,535	*	88,762
1100 POTATOES	1	0.0	0	18,227	*	18,227
1200 VEGETABLES	1	0.0	0	18,227	*	18,227
1400 CORN	2	2.0	310,420	310,420	*	0
2000 FORAGE CROPS	1	0.5	82,887	82,887	*	0
2300 SOYBEANS	1	1.0	75,288	75,288	*	0
2800 MISC NEW CROPS	2	1.0	73,464	87,732	*	14,268
3500 BEES AND HONEY	2	1.0	166,165	166,165	*	0
3800 FOOD	1	0.8	211,298	211,298	*	0
4000 PEOPLE AS INDIVIDUALS	2	1.2	170,208	170,208	*	0
4300 SOC POLIT ORGANIZ	1	1.0	82,188	82,188	*	0
8800 ANIMALS(VERTEBRATES)	1	0.5	0	37,112	*	37,112
TOTAL		13.0	1,991,127	2,233,441	*	272,314

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1983 BY COMMODITY -- LANGSTON UNIV LANGSTON 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1983	REG FED APPR/ CSRS ADMSTRD (GROSS) 1983	TOTAL FUNDS (GROSS) 1983	USDA CON/GT/CA SYS 1983	WITH SAES AMOUNT 1983
0100 SOIL AND LAND	1	0.2	18,248	18,248	*	0
0800 WILDLIFE AND FISH	1	0.5	75,581	75,581	*	0
1500 GRAIN SORGHUM	1	0.2	18,248	18,248	*	0
1700 WHEAT	1	0.2	18,248	18,248	*	0
2000 FORAGE CROPS	1	0.2	18,248	18,248	*	0
2300 SOYBEANS	2	0.8	74,301	74,301	*	0
3400 OTHER ANIMALS	9	2.5	750,828	1,146,888	*	208,844
8100 WEEDS	1	0.2	38,255	38,255	*	0
8700 PLANTS	1	0.4	57,382	57,382	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.1	0	46,488	*	46,488
TOTAL		5.1	1,073,312	1,515,848	*	255,343

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- LINCOLN UNIV JEFFERSON 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.1	17,342	19,813	*	0
1200 VEGETABLES	5	2.8	370,137	439,568	*	34,837
1900 PASTURE	1	0.5	76,587	88,942	*	0
2500 OTHER OILSEED CROPS	1	0.9	122,317	134,672	*	0
3000 BEEF CATTLE	2	0.9	222,060	236,886	*	0
3200 SWINE	1	0.4	180,455	192,810	*	0
3300 SHEEP AND WOOL	2	0.6	150,950	167,011	*	0
3400 OTHER ANIMALS	5	3.4	390,343	448,677	*	52,158
3800 FOOD	1	0.7	70,657	70,657	*	0
4000 PEOPLE AS INDIVIDUALS	5	2.6	275,265	276,622	*	0
4100 FAMILY MEMBERS	1	0.2	32,550	36,080	*	0
4200 FARM AS BUSINESS	1	0.0	5,008	5,551	*	0
4400 AGRIC ECONOMY U S	1	0.3	23,968	23,968	*	0
TOTAL		13.5	1,937,639	2,141,258	*	86,993

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- MD. STATE COL PRINCESS ANN 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	3	1.6	79,937	443,201	*	178,571
1200 VEGETABLES	1	0.1	16,784	27,376	*	0
1400 CORN	1	1.0	91,875	93,482	*	0
2300 SOYBEANS	3	3.7	425,147	669,856	*	143,509
2900 POULTRY	1	1.0	0	325,578	*	204,505
3100 DAIRY CATTLE	1	0.5	75,320	75,320	*	0
3700 CLOTHING & TEXTILES	1	0.3	59,684	59,684	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.9	91,687	112,687	*	21,000
4100 FAMILY MEMBERS	1	0.5	0	214,333	*	132,831
4200 FARM AS BUSINESS	2	0.1	25,038	35,630	*	0
4800 MARKETING SYSTEMS	1	0.2	24,763	24,763	*	0
6800 ANIMALS(VERTEBRATES)	1	0.5	46,370	46,370	*	0
TOTAL		10.5	936,603	2,128,279	*	680,416

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- PRAIRIE VW A&M PRAIRIE VIEW 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	2	1.2	311,864	311,864	*	0
0700 RANGE	1	0.3	67,532	67,532	*	0
1200 VEGETABLES	2	0.4	0	33,469	*	33,469
1400 CORN	3	0.4	55,831	72,566	*	16,735
1800 RICE	1	0.1	0	13,980	*	13,980
2000 FORAGE CROPS	1	0.7	157,576	157,576	*	0
2400 PEANUTS	2	0.3	55,831	58,586	*	2,755
3300 SHEEP AND WOOL	1	0.1	0	2,949	*	2,949
3400 OTHER ANIMALS	9	6.7	996,234	1,099,397	*	103,163
4000 PEOPLE AS INDIVIDUALS	1	0.1	41,466	41,466	*	0
6600 MICROORGANISMS VIRUSES	2	0.8	277,526	277,526	*	0
6700 PLANTS	2	0.6	202,267	205,022	*	2,755
TOTAL		11.8	2,166,127	2,341,932	*	175,805

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SC STATE COLL ORANGEBURG 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.1	35,038	35,038	*	0
0800 WILDLIFE AND FISH	1	0.3	51,370	51,370	*	0
1200 VEGETABLES	2	1.6	157,531	157,531	*	0
2900 POULTRY	1	0.1	25,685	25,685	*	0
3000 BEEF CATTLE	1	0.1	25,685	25,685	*	0
4000 PEOPLE AS INDIVIDUALS	5	3.0	299,423	560,022	*	260,599
4100 FAMILY MEMBERS	1	0.1	35,318	35,318	*	0
4300 SOC POLIT ORGANIZ	6	4.3	590,980	590,980	*	0
TOTAL		9.6	1,221,028	1,481,627	*	260,599

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SOUTHERN UNIV BATON ROUGE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
1000 FRUIT NUTS DECIDUOUS	2	1.1	185,723	185,723	*	0
1200 VEGETABLES	4	2.7	295,445	380,114	*	84,669
3000 BEEF CATTLE	1	0.2	0	83,610	*	83,610
3100 DAIRY CATTLE	1	0.1	108,611	108,611	*	0
3200 SWINE	1	0.6	116,227	116,227	*	0
3400 OTHER ANIMALS	3	1.1	296,014	296,014	*	0
4000 PEOPLE AS INDIVIDUALS	2	1.1	127,250	145,108	*	17,858
4100 FAMILY MEMBERS	1	0.6	89,046	89,046	*	0
TOTAL		7.5	1,218,315	1,404,452	*	186,137

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- TEN A&M IND NASHVILLE 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	1	0.3	64,346	64,346	*	0
0600 TIMBER FORST PRODUCT	2	2.8	154,170	246,011	*	91,841
1200 VEGETABLES	1	0.3	67,267	67,267	*	0
1300 ORNAMENTALS TURF	5	3.6	480,842	565,076	*	84,234
2300 SOYBEANS	3	1.5	232,310	232,310	*	0
2600 POULTRY	2	3.8	374,244	374,244	*	0
3000 BEEF CATTLE	1	1.4	301,532	301,532	*	0
3100 DAIRY CATTLE	1	0.0	0	841,052	*	841,052
4000 PEOPLE AS INDIVIDUALS	2	0.8	163,819	163,819	*	0
4300 SOC POLIT ORGANIZ	1	0.1	4,337	4,337	*	0
6600 MICRODRGANISMS VIRUSES	1	0.4	21,791	21,791	*	0
6700 PLANTS	2	0.0	0	165,247	*	165,247
TOTAL		14.7	1,864,658	2,847,031	*	982,373

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- VA STATE COLL PETERSBURG 1890

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	1	1.2	165,552	165,552	*	0
1200 VEGETABLES	3	1.4	251,664	251,664	*	0
1400 CORN	1	0.2	31,337	31,337	*	0
2300 SOYBEANS	3	2.4	298,690	298,690	*	0
2500 OTHER OILSEED CROPS	4	3.0	466,462	466,462	*	0
2800 MISC NEW CROPS	2	0.8	133,103	218,744	*	85,641
3400 OTHER ANIMALS	1	3.0	256,049	256,049	*	0
TOTAL		12.0	1,602,857	1,688,498	*	85,641
GRAND TOTAL		174.2	25,430,039	31,100,573	*	4,167,354

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GRDSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	43	13.5	93,301	3,281,399	*	150,549
2900 POULTRY	88	28.5	215,645	6,886,086	*	363,009
3000 BEEF CATTLE	150	63.9	329,388	28,176,109	*	975,103
3100 DAIRY CATTLE	141	42.5	289,189	12,891,336	*	814,006
3200 SWINE	133	40.4	281,863	11,085,488	*	754,885
3300 SHEEP AND WOOL	50	13.1	102,818	5,782,748	*	482,014
3400 OTHER ANIMALS	249	114.1	140,573	33,088,924	*	415,873
4000 PEOPLE AS INDIVIDUALS	13	6.1	0	1,678,633	*	71,431
4100 FAMILY MEMBERS	1	0.2	0	11,007	*	0
6300 BIO CELL SYSTEMS	12	3.7	2,759	1,031,631	*	0
6400 EXP DESIGN/STAT METHOD	1	1.1	0	162,380	*	0
6500 INVERTEBRATES	1	0.1	0	62,339	*	0
6600 MICROORGANISMS VIRUSES	13	4.4	8,532	887,224	*	45,833
6800 ANIMALS(VERTEBRATES)	118	118.8	88,141	31,015,323	*	128,847
7000 RSCH EQUIP & TECHNOLOGY	8	2.7	0	888,900	*	21,747
TOTAL		451.0	1,540,389	134,529,536	*	4,023,108

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL SCHOOLS OF VETERINARY MEDICINE

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 200						
210 CONTR PESTS ANIMALS	3	1.1	8,000	200,798	*	58,514
211 CONTR DIS ANIMALS	518	299.7	1,080,189	83,993,421	*	2,792,385
212 CNTR INTER PARASITES	33	7.3	66,771	1,441,611	*	55,463
213 PROT ANMLS FROM TOXINS	43	33.7	105,618	14,203,661	*	47,923
214 PROTECT FROM POLLUTION	17	13.3	0	5,300,200	*	9,420
SUBTOTAL		355.2	1,261,578	105,139,691	*	2,963,705
SERIES 300						
310 ANIMAL REPRODUCTION	58	19.7	54,075	8,137,550	*	494,273
311 IMP BIO EFF ANML PR	59	22.6	64,368	7,077,235	*	195,193
312 ENV STRESS IN ANML PR	22	5.2	9,155	1,358,884	*	58,834
313 PROD MGMT SYS ANML PR	3	0.5	2,640	378,111	*	0
317 MECH/STRUCTS ANML PRO	1	1.5	0	177,698	*	0
318 NON COM BIO TECH/BIMET	37	25.0	25,821	6,821,503	*	21,747
SUBTOTAL		74.5	155,859	23,948,991	*	768,047
SERIES 400						
409 PROD ANML PR IMP ACCP	3	0.4	0	38,322	*	0
410 IMP MEAT MILK EGG PR	1	0.1	15,000	50,514	*	0
412 MKT QUAL ANIMAL PROD	2	0.7	0	492,397	*	0
SUBTOTAL		1.3	15,000	579,233	*	0
SERIES 500						
511 IMP AGRIC STATISTICS	1	0.2	0	212,644	*	0
SUBTOTAL		0.2	0	212,644	*	0
SERIES 700						
701 TOX RES IN FOOD	3	2.0	80,000	542,618	*	69,376
703 FOOD CONSUMP HABITS	1	0.0	0	71,737	*	0
707 TRANS ANIML MAN DIS	9	4.9	0	1,198,185	*	0
708 HUMAN NUTRITION	1	0.1	0	37,608	*	0
709 REDUCE HAZ HLTH & SFTY	3	0.8	0	164,072	*	0
SUBTOTAL		7.9	80,000	2,012,231	*	69,376
SERIES 800						
805 COMMUNICAT EDUC PROC	1	0.5	0	257,635	*	71,431
SUBTOTAL		0.5	0	257,635	*	71,431
SERIES 900						
904 WLDLFE AND FISH ECOL	28	11.4	27,952	2,378,111	*	150,549
SUBTOTAL		11.4	27,952	2,378,111	*	150,549
SCIENCE IN SERV OF MAN						
GRAND TOTAL		451.0	1,540,389	134,529,536	*	4,023,108

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED AUBURN AL VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	4	1.7	50,087	305,250	*	0
2900 POULTRY	8	3.1	18,000	472,362	*	0
3000 BEEF CATTLE	20	8.1	0	1,478,293	*	63,919
3100 DAIRY CATTLE	8	1.7	0	258,893	*	0
3200 SWINE	3	0.7	0	131,197	*	0
3300 SHEEP AND WOOL	2	0.2	0	72,421	*	0
3400 OTHER ANIMALS	4	1.5	18,048	255,624	*	0
TOTAL		17.0	86,113	2,974,040	*	63,919

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED CALIFORNIA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	4	1.3	0	1,158,159	*	0
2900 POULTRY	7	2.1	59,861	349,565	*	44,135
3000 BEEF CATTLE	14	5.2	74,000	1,884,131	*	54,078
3100 DAIRY CATTLE	24	9.4	80,700	2,731,961	*	133,435
3200 SWINE	3	0.6	17,800	91,709	*	7,753
3300 SHEEP AND WOOL	4	0.7	22,500	147,878	*	17,598
3400 OTHER ANIMALS	9	14.1	8,000	8,819,765	*	36,089
6800 MICROORGANISMS VIRUSES	2	0.3	0	24,521	*	0
6800 ANIMALS(VERTEBRATES)	5	33.8	0	12,116,873	*	12,193
TOTAL		67.6	262,861	25,104,561	*	305,261

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED COLORADO VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
3000 BEEF CATTLE	9	28.1	204,581	17,837,380	*	288,825
3100 DAIRY CATTLE	3	8.5	37,321	4,032,441	*	20,923
3300 SHEEP AND WOOL	7	5.8	45,500	3,512,322	*	287,025
3400 OTHER ANIMALS	1	0.8	17,000	1,011,000	*	17,020
6800 MICROORGANISMS VIRUSES	1	0.0	0	45,833	*	45,833
TOTAL		41.3	304,402	26,438,976	*	659,626

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED FLORIDA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	3	0.5	935	107,436	*	0
2900 POULTRY	3	0.7	1,059	138,228	*	0
3000 BEEF CATTLE	13	2.0	10,811	739,354	*	58,845
3100 DAIRY CATTLE	12	1.7	4,851	571,524	*	16,394
3200 SWINE	4	1.1	2,243	303,560	*	0
3300 SHEEP AND WOOL	1	0.1	125	19,145	*	0
3400 OTHER ANIMALS	28	6.8	30,151	2,443,853	*	922
6800 ANIMALS(VERTEBRATES)	4	2.0	1,495	497,944	*	0
TOTAL		14.8	51,269	4,821,044	*	75,880

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED GEORGIA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	7	3.8	27,017	920,139	*	150,548
2900 POULTRY	8	12.1	93,945	3,009,241	*	86,159
3000 BEEF CATTLE	5	2.1	5,970	399,819	*	48,051
3100 DAIRY CATTLE	4	1.4	1,990	317,013	*	2,377
3200 SWINE	8	3.1	19,993	499,343	*	0
3300 SHEEP AND WOOL	2	1.7	1,990	247,298	*	2,377
3400 OTHER ANIMALS	8	4.0	1,990	532,440	*	13,319
4000 PEOPLE AS INDIVIDUALS	1	0.2	0	30,127	*	0
9900 MICROORGANISMS VIRUSES	1	0.0	0	7,300	*	0
TOTAL		28.5	122,294	5,902,519	*	302,829

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED ILLINOIS VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	4	0.4	0	79,975	*	0
2900 POULTRY	1	0.0	0	38,703	*	0
3000 BEEF CATTLE	9	2.3	0	274,971	*	58,514
3100 DAIRY CATTLE	9	0.5	0	145,258	*	33,418
3200 SWINE	20	9.8	0	1,539,389	*	347,181
3300 SHEEP AND WOOL	6	0.9	0	475,444	*	73,823
3400 OTHER ANIMALS	31	10.9	0	1,950,782	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.0	0	71,737	*	0
9300 BIO CELL SYSTEMS	4	0.9	0	354,949	*	0
9900 MICROORGANISMS VIRUSES	1	0.8	0	41,414	*	0
9800 ANIMALS(VERTEBRATES)	40	11.4	0	2,785,414	*	54,443
7000 RSCH EQUIP & TECHNOLOGY	2	1.6	0	260,364	*	21,747
TOTAL		39.3	0	8,019,079	*	589,125

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED IOWA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
2900 POULTRY	17	2.9	0	882,149	*	101,334
3000 BEEF CATTLE	31	3.9	21,889	1,143,209	*	20
3100 DAIRY CATTLE	18	1.4	22,990	478,735	*	0
3200 SWINE	57	11.9	109,051	3,472,191	*	160,899
3300 SHEEP AND WOOL	8	1.2	19,917	259,478	*	20,922
3400 OTHER ANIMALS	9	1.5	20,121	371,815	*	2,922
4000 PEOPLE AS INDIVIDUALS	2	0.7	0	303,210	*	71,431
9800 ANIMALS(VERTEBRATES)	12	2.0	11,000	1,017,104	*	0
TOTAL		25.2	204,934	7,904,955	*	357,328

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED LOUISIANA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	2	1.0	8,532	48,330	*	0
2900 POULTRY	2	0.7	0	73,378	*	0
3000 BEEF CATTLE	4	1.9	5,973	190,817	*	0
3100 DAIRY CATTLE	4	1.8	11,093	124,298	*	0
3200 SWINE	3	1.0	0	103,894	*	0
3300 SHEEP AND WOOL	1	0.5	0	39,798	*	0
3400 OTHER ANIMALS	4	2.5	8,532	532,324	*	0
9900 MICROORGANISMS VIRUSES	1	0.5	8,532	8,532	*	0
TOTAL		9.9	42,992	1,091,144	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED MASSACHUSETTS VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
3000 BEEF CATTLE	1	0.1	0	19,208	*	19,208
3100 DAIRY CATTLE	2	0.1	10,000	29,208	*	19,206
3200 SWINE	2	0.0	3,000	8,573	*	0
3400 OTHER ANIMALS	5	0.1	0	90,972	*	0
6300 BIO CELL SYSTEMS	2	0.1	0	155,873	*	0
6400 EXP DESIGN/STAT METHOD	1	1.1	0	162,380	*	0
6600 MICROORGANISMS VIRUSES	1	0.0	0	68,338	*	0
6800 ANIMALS(VERTEBRATES)	6	0.9	4,927	718,578	*	0
7000 RSCH EQUIP & TECHNOLOGY	1	0.0	0	44	*	0
TOTAL		2.5	17,927	1,249,166	*	38,412

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED MINNESOTA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
2900 POULTRY	4	0.4	0	249,001	*	0
3000 BEEF CATTLE	4	2.5	0	910,220	*	79,575
3100 DAIRY CATTLE	2	3.8	23,000	1,832,847	*	0
3200 SWINE	9	6.8	78,770	2,523,548	*	60,869
3400 OTHER ANIMALS	6	3.5	0	1,992,318	*	0
TOTAL		16.9	99,770	7,307,734	*	140,241

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED MISSOURI VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
2900 POULTRY	1	0.2	0	18,353	*	0
3000 BEEF CATTLE	3	0.6	0	43,872	*	0
3100 DAIRY CATTLE	2	0.4	0	28,153	*	0
3200 SWINE	2	0.4	0	229,023	*	0
3400 OTHER ANIMALS	17	2.8	0	562,662	*	0
6800 ANIMALS(VERTEBRATES)	13	26.8	0	3,999,089	*	0
7000 RSCH EQUIP & TECHNOLOGY	2	0.2	0	217,785	*	0
TOTAL		31.4	0	5,097,157	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED N CAROLINA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	1	0.3	0	97,629	*	0
2900 POULTRY	4	0.8	5,000	131,962	*	0
3000 BEEF CATTLE	2	0.0	0	17,211	*	0
3100 DAIRY CATTLE	2	0.3	2,100	43,815	*	3,500
3200 SWINE	5	3.5	4,473	1,349,159	*	135,000
3300 SHEEP AND WOOL	2	0.1	900	24,241	*	1,500
3400 OTHER ANIMALS	1	0.3	0	85,000	*	85,000
TOTAL		5.4	12,473	1,748,817	*	225,000

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED NEW YORK VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS AGMSTRO (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	9	4.2	0	729,903	*	0
2900 POULTRY	18	4.3	38,744	1,350,240	*	124,841
3000 BEEF CATTLE	14	1.9	0	480,900	*	98,843
3100 DAIRY CATTLE	28	6.8	57,785	959,770	*	187,475
3200 SWINE	8	1.8	45,438	332,251	*	0
3300 SHEEP AND WOOL	7	0.9	0	693,789	*	0
3400 OTHER ANIMALS	51	28.5	11,686	7,044,469	*	60,899
4000 PEOPLE AS INDIVIDUALS	7	5.0	0	1,261,848	*	0
4100 FAMILY MEMBERS	1	0.2	0	11,007	*	0
6300 BIO CELL SYSTEMS	4	2.1	0	359,018	*	0
6500 INVERTEBRATES	1	0.1	0	62,339	*	0
6600 MICROORGANISMS VIRUSES	2	0.8	0	101,288	*	0
6800 ANIMALS(VERTEBRATES)	28	8.0	48,719	2,476,773	*	30,810
7000 RSCH EQUIP & TECHNOLOGY	3	0.8	0	210,707	*	0
TOTAL		65.2	202,372	16,074,304	*	472,438

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED OHIO VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
2900 POULTRY	9	0.9	14,410	28,299	*	9,543
3000 BEEF CATTLE	2	1.1	0	88,047	*	0
3100 DAIRY CATTLE	1	0.1	10,034	10,034	*	0
3200 SWINE	6	1.2	0	137,289	*	0
3400 OTHER ANIMALS	23	9.8	14,098	1,439,728	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.0	0	490	*	0
9800 MICROORGANISMS VIRUSES	1	1.5	0	148,745	*	0
TOTAL		14.3	38,512	1,851,579	*	9,543

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED OREGON VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	7	0.1	0	127,828	*	0
2800 POULTRY	3	0.1	1,588	17,088	*	0
3000 BEEF CATTLE	3	0.3	4,707	95,233	*	0
3100 DAIRY CATTLE	1	0.0	0	8,058	*	0
3200 SWINE	1	0.1	0	10,090	*	0
3300 SHEEP AND WOOL	3	0.1	4,707	72,382	*	0
3400 OTHER ANIMALS	8	1.1	4,707	192,632	*	0
9800 MICROORGANISMS VIRUSES	2	0.2	0	105,884	*	0
9800 ANIMALS(VERTEBRATES)	3	0.2	0	129,331	*	0
TOTAL		2.2	15,690	728,307	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED PENNSYLVANIA VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0800 WILDLIFE AND FISH	2	0.2	8,750	8,750	*	0
2900 POULTRY	5	0.5	13,357	115,312	*	0
3000 BEEF CATTLE	3	0.3	0	45,391	*	0
3100 DAIRY CATTLE	15	3.2	37,559	575,901	*	0
3200 SWINE	2	0.3	3,495	47,091	*	43,599
3300 SHEEP AND WOOL	3	0.3	7,280	47,288	*	0
3400 OTHER ANIMALS	33	13.7	8,273	4,593,184	*	0
4000 PEOPLE AS INDIVIDUALS	1	0.1	0	11,221	*	0
9300 BIO CELL SYSTEMS	2	0.6	2,758	162,091	*	0
6800 ANIMALS(VERTEBRATES)	3	2.3	0	518,991	*	0
TOTAL		21.5	77,470	6,124,180	*	43,599

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED TEXAS VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
3000 BEEF CATTLE	2	1.4	0	174,873	*	20,875
3100 DAIRY CATTLE	3	1.2	0	278,310	*	20,875
3200 SWINE	1	0.9	0	273,182	*	0
3400 OTHER ANIMALS	3	7.9	0	979,672	*	82,925
6900 MICROORGANISMS VIRUSES	1	0.5	0	139,591	*	0
6800 ANIMALS(VERTEBRATES)	2	15.1	0	3,120,318	*	31,401
TOTAL		27.0	0	4,958,048	*	135,778

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED TUSKEGEE AL VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
3000 BEEF CATTLE	2	0.2	1,840	1,840	*	0
TOTAL		0.2	1,840	1,840	*	0

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- SCH VET MED WASHINGTON VET

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
2800 POULTRY	1	0.2	0	46,250	*	0
3000 BEEF CATTLE	9	2.2	0	861,845	*	214,753
3100 DAIRY CATTLE	6	2.4	0	686,548	*	176,404
3200 SWINE	1	0.2	0	46,250	*	0
3300 SHEEP AND WOOL	4	0.6	0	184,303	*	78,788
3400 OTHER ANIMALS	10	4.6	0	2,183,883	*	137,127
6800 ANIMALS(VERTEBRATES)	2	14.0	0	3,633,811	*	0
TOTAL		24.1	0	7,435,588	*	607,053
GRAND TOTAL		451.0	1,540,388	134,528,536	*	4,023,108

TABLE II-B SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY COMMODITY -- NATIONAL TOTAL OTHER NON-FEDERAL INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CON/GT/CA SYS 1993	WITH SAES AMOUNT 1993
0100 SOIL AND LAND	15	2.3	373,119	443,644	*	*
0200 WATER	18	1.8	1,077,407	1,110,782	*	*
0300 WATERSHEDS RIVER BAS	2	0.0	55,819	86,819	*	*
0400 AIR AND CLIMATE	3	0.1	1,273,582	1,273,582	*	*
0600 TIMBER FORST PRODUCT	31	4.8	1,352,150	1,370,807	*	*
0700 RANGE	6	0.1	158,498	188,298	*	*
0800 WILDLIFE AND FISH	24	8.7	4,025,913	4,323,808	*	*
1000 FRUIT NUTS DECIDUOUS	1	0.0	10,428	10,428	*	*
1100 POTATOES	3	0.8	191,623	239,789	*	*
1200 VEGETABLES	19	3.8	736,871	873,628	*	*
1300 ORNAMENTALS TURF	2	0.3	86,173	86,173	*	*
1400 CORN	25	4.2	1,130,191	1,782,738	*	*
1500 GRAIN SORGHUM	1	0.1	5,814	5,814	*	*
1600 RICE	2	0.7	125,623	149,951	*	*
1700 WHEAT	6	1.0	244,151	309,187	*	*
1800 OTHER SMALL GRAINS	4	0.0	283,548	283,548	*	*
2000 FORAGE CROPS	8	1.5	398,077	773,084	*	*
2100 COTTON	3	0.2	78,398	78,398	*	*
2200 COTTONSEED	1	0.8	75,752	240,618	*	*
2300 SOYBEANS	19	3.3	750,617	809,329	*	*
2500 OTHER OILSEED CROPS	3	0.3	91,289	101,589	*	*
2600 TOBACCO	2	0.0	67,324	67,324	*	*
2700 SUGAR CROPS	1	0.1	12,500	21,250	*	*
2800 MISC NEW CROPS	1	0.0	145,297	145,297	*	*
2900 POULTRY	8	2.8	462,779	714,078	*	*
3000 BEEF CATTLE	10	3.2	647,729	647,729	*	*
3100 DAIRY CATTLE	1	0.0	45,748	45,748	*	*
3200 SWINE	18	6.8	1,033,722	1,145,427	*	*
3400 OTHER ANIMALS	8	3.9	400,474	2,817,451	*	*
3500 BEES AND HONEY	2	0.2	82,918	82,918	*	*
3800 FOOD	2	1.6	239,982	239,982	*	*
3900 HOUSING & EQUIP	1	0.6	75,000	75,000	*	*
4000 PEOPLE AS INDIVIDUALS	13	4.0	835,429	1,960,975	*	*
4300 SOC POLIT ORGANIZ	5	0.3	342,503	342,503	*	*
4400 AGRIC ECONOMY U S	1	0.8	45,000	82,000	*	*
6100 WEEDS	2	0.3	88,127	88,127	*	*
6200 SEED RESEARCH	1	0.5	158,685	158,685	*	*
6300 BIO CELL SYSTEMS	4	0.3	98,101	98,101	*	*
6500 INVERTEBRATES	28	8.9	1,301,508	2,288,813	*	*
6600 MICROORGANISMS VIRUSES	45	7.1	2,078,806	2,220,820	*	*
6700 PLANTS	70	23.1	3,758,267	4,352,494	*	*
6800 ANIMALS(VERTEBRATES)	9	4.2	520,192	541,390	*	*
6900 RESEARCH ON RSCH MGMT	1	0.3	50,840	59,215	*	*
7000 RSCH EQUIP & TECHNOLOGY	3	0.7	156,738	180,428	*	*
TOTAL		102.2	24,930,290	32,817,123	*	*

TABLE II-D SUMMARY OF SCI-YEARS AND FUNDS FOR 1993 BY PROBLEM AREA -- NATIONAL TOTAL OTHER NON-FEDERAL INSTITUTIONS

CLASSIFICATION CATEGORY	NO OF PROJ	SCIENTIST YEARS 1993	REG FED APPR/ CSRS ADMSTRD (GROSS) 1993	TOTAL FUNDS (GROSS) 1993	USDA CDN/GT/CA SYS 1993	WITH SAES AMOUNT 1993
SERIES 100						
101 APPRAIS OF SOIL RESOR	2	0.1	33,474	50,914	*	*
102 SOIL PLNT WTR NUTRI	18	5.3	829,011	895,883	*	*
103 MGMT OF SALINE SOILS	2	0.0	131,849	131,849	*	*
107 WATERSHED PROT & MGMT	1	0.1	121,813	136,813	*	*
109 WEATHER ADAPT & MOD	1	0.0	421,082	421,082	*	*
110 APPRAIS FORST & RANGS	2	0.0	37,534	46,254	*	*
111 BIOL CULT MGMT FORSTS	2	0.3	145,592	145,592	*	*
112 IMPROV RANGE RESOR	5	0.1	123,272	133,272	*	*
113 REMOTE SENSING	1	0.0	800	1,650	*	*
114 RSCH ON MGMT OF RSCH	1	0.3	50,840	59,215	*	*
SUBTOTAL		6.3	1,895,067	2,022,524	*	*
SERIES 200						
201 CNTRL FORST INSECTS	7	3.3	318,884	350,698	*	*
202 CONTROL FOREST DIS	1	0.0	81,722	81,722	*	*
203 FOREST FIRE PROTECT	1	0.0	60,823	60,823	*	*
204 CNTR PESTS FRT & VEGS	4	0.2	57,928	63,328	*	*
205 CNTR DISE FRT & VEG	5	1.9	90,728	106,199	*	*
206 CNTR WEEDS FRT & VEG	1	0.6	151,917	151,917	*	*
207 CNTR PESTS FLD CROPS	2	0.2	85,294	85,294	*	*
208 CNTR DIS FIELD CROPS	3	0.5	106,119	106,119	*	*
209 CNTR WEEDS FLD CROPS	3	0.1	89,585	92,735	*	*
211 CONTR DIS ANIMALS	27	13.4	1,781,495	2,112,499	*	*
214 PROTECT FROM POLLUTION	8	2.9	452,236	508,503	*	*
SUBTOTAL		23.2	3,236,309	3,699,635	*	*
SERIES 300						
301 GENET BREED FORST TRE	2	0.0	145,581	145,581	*	*
304 IMP BIO EFF FRT & VEGS	15	3.2	546,217	808,394	*	*
306 PROD MGMT SYS F & V	1	0.5	65,000	65,000	*	*
307 IMP BIO EFF FLD CRP	49	9.2	2,422,829	3,267,281	*	*
309 PROD MGMT SYS FLD CRP	2	0.2	78,055	116,363	*	*
310 ANIMAL REPRODUCTION	10	2.1	516,148	554,829	*	*
311 IMP BIO EFF ANML PR	9	2.0	385,777	385,777	*	*
312 ENV STRESS IN ANML PR	1	0.0	97,670	97,670	*	*
314 BEES OTH POLLNTNG INS	2	0.2	82,916	82,916	*	*
318 NON COM BIO TECH/BIMET	107	27.4	4,981,787	6,604,680	*	*
SUBTOTAL		44.9	9,301,959	11,908,490	*	*
SERIES 400						
401 NEW IMP FOREST PROD	16	1.9	706,430	706,430	*	*
402 PROD F & V IMP ACCEPT	1	0.4	32,380	49,048	*	*
403 NEW & IMP F & V PROD	3	0.4	191,012	286,782	*	*
405 PROD FLD CROP IMP ACPT	1	0.1	45,722	45,722	*	*
406 NEW IMP FOOD FLD CROP	2	1.9	207,676	290,308	*	*
407 NEW IMP NON FOOD FC	7	1.7	857,503	1,210,380	*	*
408 MKT QUAL FIELD CROPS	3	0.2	156,259	156,259	*	*
409 PROD ANML PR IMP ACCP	1	0.0	403,187	403,187	*	*
SUBTOTAL		6.6	2,600,370	3,148,095	*	*
SERIES 500						
508 DOMESTIC MKT DEVELP	2	1.8	236,413	508,108	*	*
SUBTOTAL		1.8	236,413	508,108	*	*
SERIES 600						
601 FGN MKT DEVELP	1	0.8	45,000	62,000	*	*
SUBTOTAL		0.8	45,000	62,000	*	*
SERIES 700						
702 FOOD PROT FROM TOX	6	0.6	436,144	436,144	*	*
708 HUMAN NUTRITION	19	7.5	927,040	4,535,436	*	*
SUBTOTAL		8.1	1,363,184	4,971,580	*	*
SERIES 800						
804 ECON POTENT RURL PEO	2	0.7	228,338	374,584	*	*
SUBTOTAL		0.7	228,338	374,584	*	*
SERIES 900						
901 ALLEV POLLUTION	19	2.9	2,239,813	2,328,272	*	*
904 WLDLFE AND FISH ECOL	18	6.2	3,466,648	3,476,848	*	*
906 ORNAMENT & TURF DEV	2	0.3	86,173	86,173	*	*
907 RURAL INCOME IMP	4	0.4	187,878	187,878	*	*
908 RURAL INSTITUT IMP	1	0.0	43,139	43,139	*	*
SUBTOTAL		9.8	6,023,650	6,122,109	*	*
SCIENCE IN SERV OF MAN						
GRAND TOTAL		102.2	24,930,290	32,817,123	*	*

TABLE III-B SUMMARY BY COMMODITY OF 1863 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	386	172.1	315.1	42240	7361	1860	0	0	3262	0	54783	1074	150	56008
0200 WATER	387	133.6	266.5	34705	6446	3465	0	0	511	0	45157	2080	205	47441
0300 WATERSHEDS RIVER BAS	149	73.3	171.7	19173	876	1745	0	0	1945	0	23440	881	275	24578
0400 AIR AND CLIMATE	13	8.8	11.8	1882	0	577	0	0	210	0	2886	74	0	2744
0500 RECREATION RESOURCES	25	32.1	27.9	4660	193	0	0	0	898	0	5551	488	87	6088
0600 TIMBER FORST PRODUCT	588	588.4	881.5	118788	8458	3361	0	0	10843	0	142280	10318	1800	154178
0700 RANGE	138	80.7	144.8	17480	1008	580	0	0	254	0	18328	1817	111	21257
0800 WILDLIFE AND FISH	148	87.8	144.8	15808	7432	8143	0	0	1284	137	33814	1200	58	35072
0900 CITRUS SUB TROP FRUT	123	70.1	181.8	18598	1273	2068	0	0	0	33	23000	537	189	23706
1000 FRUIT NUTS DECIDUDUS	254	103.2	248.8	27708	4482	912	0	0	0	33	32835	256	372	33463
1100 POTATOES	147	40.7	82.3	11428	4015	1027	0	0	0	17	16488	87	22	16607
1200 VEGETABLES	377	108.1	226.8	28718	8824	1460	0	0	0	4	40107	381	187	40685
1300 ORNAMENTALS TURF	88	28.5	46.8	5714	811	72	0	0	0	18	8813	0	151	8764
1400 CORN	321	136.8	251.8	34050	3758	3448	0	0	0	0	41258	87	112	41458
1500 GRAIN SORGHUM	58	13.1	28.3	3283	558	380	0	0	0	0	4188	11	104	4313
1800 RICE	70	22.8	33.1	4783	1258	334	0	0	0	0	8384	220	35	8640
1700 WHEAT	258	112.1	187.8	28301	4118	435	0	0	0	0	30852	88	48	30984
1800 OTHER SMALL GRAINS	128	34.0	57.7	7888	1837	583	0	0	0	0	10085	18	73	10174
1900 PASTURE	53	18.8	42.4	4351	103	77	0	0	0	0	4531	10	0	4541
2000 FORAGE CROPS	184	80.2	150.0	18438	1774	518	0	0	0	0	20732	81	82	20855
2100 COTTON	184	147.2	311.4	38511	2088	804	0	0	0	0	38382	288	23	38673
2200 COTTONSEED	25	10.8	23.2	2588	8	178	0	0	0	0	2784	73	0	2857
2300 SOYBEANS	280	110.8	190.3	28782	3878	1514	0	0	0	0	31972	112	788	32872
2400 PEANUTS	80	28.1	82.1	7433	1040	205	0	0	0	0	8677	8	3	8888
2500 OTHER OILSEED CROPS	104	21.1	42.8	5471	2788	1158	0	0	0	0	9428	8	48	9478
2800 TOBACCO	58	25.0	38.0	5314	708	1408	0	0	0	0	7431	0	8	7437
2700 SUGAR CROPS	58	38.3	101.2	8887	250	1227	0	0	0	0	11484	0	110	11575
2800 MISC NEW CROPS	81	18.3	38.5	6088	3870	812	0	0	0	255	11202	542	48	11792
2800 POULTRY	148	82.0	188.3	22857	4252	2428	0	0	0	0	28878	50	285	30014
3000 BEEF CATTLE	258	127.2	287.8	38148	5888	1801	0	0	0	0	48048	40	75	48184
3100 DAIRY CATTLE	205	88.1	208.7	28734	5811	2134	0	0	0	0	38880	232	25	38937
3200 SWINE	184	88.8	185.7	25875	3808	2380	0	0	0	0	32083	188	29	32280
3300 SHEEP AND WOOL	100	33.7	78.8	10570	830	828	0	0	0	0	12128	1	12	12141
3400 OTHER ANIMALS	48	3.5	8.8	1878	2401	2082	0	0	0	0	8472	0	2	8474
3500 BEES AND HONEY	32	23.8	45.1	8185	204	243	0	0	0	0	8842	33	18	8894
3800 FARM SUPP & FACILITS	8	0.5	0.0	78	188	0	0	0	0	0	248	0	0	248
3800 FOOD	84	47.8	88.1	11532	3702	864	0	0	0	0	18088	282	1	16382
3800 HOUSING & EQUIP	18	3.8	4.8	817	208	324	0	0	10	0	1187	8	0	1183
4000 PEOPLE AS INDIVIDUALS	171	78.2	181.4	28487	10840	11811	0	0	270	58	52448	340	388	53174
4100 FAMILY MEMBERS	11	3.2	3.8	720	1028	230	0	0	0	11	1988	0	0	1988
4200 FARM AS BUSINESS	11	1.8	0.0	551	818	0	0	0	0	0	1487	0	0	1487
4300 SOC POLIT ORGANIZ	48	23.1	4.8	3504	2388	1513	0	0	157	84	7838	80	0	7715
4400 AGRIC ECONOMY U S	34	58.5	0.0	8428	1800	83	0	0	0	0	11313	48	0	11382
4500 AGRIC ECONOMY FORGN	35	78.2	0.0	12824	1538	38	0	0	0	0	14488	0	0	14488
4600 FARM COOPERATIVES	12	18.8	2.4	3221	82	134	0	0	0	0	3417	0	0	3417
4700 DTH MARKET PROCESS	1	0.0	0.0	0	32	0	0	0	0	0	32	0	0	32
4800 MARKETING SYSTEMS	8	15.8	0.0	3814	250	0	0	0	0	0	4084	0	0	4084
8100 WEEDS	70	28.8	40.8	8038	1001	481	0	0	0	0	7501	100	28	7828
8200 SEED RESEARCH	4	2.8	4.1	805	0	0	0	0	4	0	810	2	0	812
8300 BIO CELL SYSTEMS	25	4.7	10.1	1274	295	224	0	0	0	0	1793	2	45	1810
8400 EXP DESIGN/STAT METHOD	10	8.1	1.0	1317	0	8	0	0	0	0	1323	0	0	1323
8500 INVERTEBRATES	148	47.8	80.5	10277	3718	2388	0	0	110	0	18471	143	223	18837
8800 MICROORGANISMS VIRUSES	188	20.8	43.5	5051	7083	5084	0	0	0	0	17237	174	303	17715
8700 PLANTS	380	88.7	180.4	22183	13875	7807	0	0	200	0	44148	1135	487	45747
8800 ANIMALS(VERTEBRATES)	48	7.8	8.0	1334	1840	335	0	0	0	0	3310	40	0	3350
8800 RESEARCH ON RSCH MGMT	17	3.1	1.8	538	3883	34	0	0	14	0	4478	0	0	4478
7000 RSCH EQUIP & TECHNOLOG	53	13.8	23.2	3372	2301	958	0	0	373	0	8703	182	38	8922
8800 UNCLASSIFIED	5	0.0	4.0	248	0	1801	0	0	0	0	2048	0	0	2048
TOTAL		3281.3	8023.2	810508	180484	84838	0	0	18857	828	1078084	23720	8738	1108553

TABLE III-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FO 015	SP FO 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
101 APPRAIS OF SOIL RESOR	23	4.8	13.4	1370	387	428	0	0	0	0	2182	108	0	2290
102 SOIL PLNT WTR NUTRI	334	153.9	322.7	41238	5828	2481	0	0	1827	0	51455	703	145	52303
103 MGMT OF SALINE SOILS	19	8.7	18.0	2082	188	33	0	0	0	0	2280	24	53	2338
104 ALTERN USE OF LAND	18	28.7	7.5	5538	187	0	0	0	1173	0	6885	28	0	6823
105 CONSERV USE OF WATER	133	54.3	113.7	12548	845	1003	0	0	5	0	14488	1281	57	15818
106 DRAIN AND IRRIGATION	40	17.1	38.5	4825	848	283	0	0	0	0	5584	287	34	5885
107 WATERSHED PROT & MGMT	183	125.3	288.8	30713	1473	1887	0	0	1583	0	35887	1483	352	37802
108 ECON LEG PROB OF WAT	4	2.7	0.0	384	184	0	0	0	0	0	588	0	0	588
109 WEATHER ADAPT & MOD	77	32.8	48.8	8728	582	888	0	0	838	0	10838	233	0	10872
110 APPRAIS FORST & RANGS	38	58.8	248.3	18073	208	115	0	0	1337	0	20733	3718	171	24821
111 BIOL CULT MGMT FORSTS	182	159.5	255.8	25882	1123	828	0	0	3833	0	31238	2278	483	33877
112 IMPROV RANGE RESOR	59	38.7	88.1	8488	338	248	0	0	83	0	8143	342	85	8578
113 REMOTE SENSING	44	24.0	58.1	5550	385	854	0	0	581	0	7478	755	30	8284
114 RSCH ON MGMT OF RSCH	17	3.1	1.8	538	3883	34	0	0	14	0	4478	0	0	4478
SUBTOTAL		709.8	1458.8	188718	18483	8788	0	0	10852	0	202821	11228	1400	215450
SERIES 200														
201 CNTRL FORST INSECTS	100	85.3	105.0	18245	458	431	0	0	1428	0	18583	1011	8	18583
202 CONTROL FOREST DIS	58	35.3	55.8	7274	827	220	0	0	240	0	8381	251	18	8830
203 FOREST FIRE PROTECT	23	28.8	52.0	4512	0	0	0	0	1082	0	5574	783	10	8387
204 CNTR PESTS FRT & VEGS	274	83.8	213.8	23377	3813	1835	0	0	0	0	28825	1052	218	30088
205 CNTR DISE FRT & VEG	281	80.8	132.5	18818	5475	1257	0	0	0	0	23350	218	178	23748
208 CNTR WEEDS FRT & VEG	54	5.8	12.8	1545	1051	183	0	0	0	0	2758	74	14	2847
207 CNTR PESTS FLD CROPS	280	120.0	255.5	27822	4078	1433	0	0	0	0	33334	1282	28	34823
208 CNTR DIS FIELD CROPS	228	82.1	173.7	21440	3404	1513	0	0	0	0	28357	80	30	28447
208 CNTR WEEDS FLD CROPS	143	88.8	108.4	15888	2412	381	0	0	0	0	18748	170	41	18880
210 CONTR PESTS ANIMALS	42	32.8	73.2	8012	408	110	0	0	0	0	8528	40	20	8588
211 CONTR DIS ANIMALS	154	88.8	325.7	40884	8580	3801	0	0	0	0	51384	183	85	51833
212 CNTR INTER PARASITES	25	17.8	71.2	8158	851	382	0	0	0	0	7402	30	182	7824
213 PROT ANMLS FROM TOXINS	28	18.8	28.7	3884	585	188	0	0	0	0	4877	1	10	4888
214 PROTECT FROM POLLUTION	81	33.8	41.4	10142	4588	871	0	0	848	0	16527	388	348	17244
SUBTOTAL		781.8	1848.7	203858	34130	12788	0	0	3577	0	284380	5815	1203	291078
SERIES 300														
301 GENET BREED FORST TRE	24	18.2	15.1	4158	387	200	0	0	288	0	5023	137	28	5188
302 IMP FOREST ENG SYS	14	14.3	27.2	2638	314	0	0	0	222	0	3172	70	20	3282
303 ECON TIMBER PRODUCTN	18	17.4	13.3	2470	80	0	0	0	278	0	2838	802	0	3438
304 IMP BIO EFF FRT & VEGS	224	72.2	181.8	21188	5558	1258	0	0	0	0	27875	247	143	28385
305 MECH PROD FRT & VEGS	11	4.0	5.5	857	131	228	0	0	0	0	1214	0	8	1220
308 PROD MGMT SYS F & V	21	0.8	1.3	141	1158	0	0	0	0	0	1287	5	0	1303
307 IMP BIO EFF FLD CRP	481	180.8	434.1	48888	8813	8437	0	0	0	0	85248	280	730	88288
308 MECH PROD FIELD CROPS	18	7.8	18.5	2172	132	80	0	0	0	0	2384	7	0	2401
308 PROD MGMT SYS FLD CRP	82	20.2	34.8	4884	1201	134	0	0	0	0	8228	8	8	8240
310 ANIMAL REPRODUCTION	81	32.4	81.3	11128	4320	1851	0	0	0	0	17300	0	42	17343
311 IMP BIO EFF ANML PR	188	88.7	182.8	23114	8881	8408	0	0	0	0	34513	88	38	34807
312 ENV STRESS IN ANML PR	27	8.7	21.4	2883	1018	218	0	0	0	0	3828	0	0	3828
313 PROD MGMT SYS ANML PR	32	8.1	12.3	1741	1202	174	0	0	0	0	3117	8	0	3123
314 BEES OTH POLLNTNG INS	32	23.8	48.1	8185	204	243	0	0	0	0	8842	33	18	8894
315 IMP STRUC FARM SUPP	1	0.0	0.0	0	0	138	0	0	0	0	138	0	0	138
318 FARM BUSINESS MGMT	7	1.1	0.0	315	330	0	0	0	0	0	845	0	0	845
318 NON COM BIO TECH/BIMET	288	58.1	128.2	14518	11328	8538	0	0	75	0	35457	284	883	38714
SUBTOTAL		544.3	1184.8	148092	42284	25807	0	0	888	0	217122	1721	2028	220888
SERIES 400														
401 NEW IMP FOREST PROD	122	75.8	84.8	18352	4438	1517	0	0	783	0	25080	832	821	28513
402 PROD F & V IMP ACCEPT	78	27.1	45.3	8388	883	233	0	0	0	0	7282	8	38	7323
403 NEW & IMP F & V PROD	28	11.8	17.8	2848	782	1028	0	0	0	0	4737	0	0	4737
404 MKT QUAL FRTS & VEGS	88	88.8	88.7	12888	858	418	0	0	0	0	13883	14	108	14103
405 PROD FLD CROP IMP ACPT	158	88.7	138.8	17008	2078	118	0	0	0	0	18203	184	201	18588
408 NEW IMP FOOD FLD CROP	44	30.4	43.8	7352	2138	271	0	0	0	0	8758	0	13	8771
407 NEW IMP NON FOOD FC	152	88.8	148.2	21842	4828	3718	0	0	0	0	30187	71	14	30272
408 MKT QUAL FIELD CROPS	53	38.1	70.4	8421	185	115	0	0	0	0	8731	103	22	8858
408 PROD ANML PR IMP ACCP	38	11.8	38.8	4247	1058	103	0	0	0	0	5408	20	21	5448
410 IMP MEAT MILK EGG PR	28	17.3	28.2	4833	1814	33	0	0	0	0	8180	10	0	8180
411 IMP NON FOOD ANML PR	18	13.4	18.3	3181	874	1088	0	0	0	0	4823	0	0	4823
412 MKT QUAL ANIMAL PROD	14	7.2	14.3	2288	338	20	0	0	0	0	2857	18	0	2873
SUBTOTAL		448.2	748.8	108857	18883	8838	0	0	783	0	138010	1235	1033	140278
SERIES 500														
501 IMP GRADES & STANDS	22	15.3	37.0	3742	285	80	0	0	0	0	4087	0	0	4087
502 MKTG TIMBER PRODUCTS	8	10.5	11.7	1880	208	0	0	0	258	0	2424	238	0	2882
503 MKTG EFF AGRI PRODS	28	15.3	11.2	2808	338	3	0	0	0	238	3185	80	25	3271
508 SPLY DEMAND AND PRIC	34	80.4	0.0	8828	1053	0	0	0	0	238	10118	43	84	10228
507 COMP REL IN AGRIC	7	5.4	0.0	848	278	0	0	0	0	0	1127	0	5	1132
508 DOMESTIC MKT DEVELP	7	0.0	0.0	0	225	1054	0	0	0	0	1278	0	0	1278
508 PERFORMANCE MKTG SYS	23	38.5	1.8	8200	533	118	0	0	0	0	8848	18	88	8882
510 GROUP ACT MKT POWER	5	5.3	0.8	1010	88	18	0	0	0	0	1128	0	0	1128
511 IMP AGRIC STATISTICS	12	8.1	1.0	1317	81	8	0	0	0	0	1404	0	0	1404
512 IMP GRADES FRST PROD	4	4.0	0.5	773	0	120	0	0	0	0	883	30	43	888
513 PRICE ANAL FRST PROD	8	8.8	8.8	1271	0	0	0	0	23	0	1283	15	0	1308
SUBTOTAL		172.4	73.7	28555	3077	1377	0	0	281	478	33788	403	234	34405
SERIES 800														
801 FGN MKT DEVELP	88	88.0	0.8	14188	4138	38	0	0	0	0	18381	4	0	18388
802 EVAL FGN FOOD AID PGM	3	3.1	0.0	508	0	0	0	0	0	0	508	0	0	508
803 TECH AID DEV CRTY	11	4.2	8.8	1458	0	0	0	0	285	0	1721	352	0	2073
804 PRO DVLPMT/MKTG FRGN	11	3.5	7.5	1033	340	1253	0	0	0	0	2828	0	0	2828
SUBTOTAL		88.8	15.0	17183	4478	1288	0	0	285	0	23218	358	0	23572
SERIES 700														
701 TOX RES IN FOOD	78	32.7	53.7	8185	5084	183	0	0	0	0	14423	280	0	14712
702 FOOD PROT FROM TOX	108	78.4	153.5	20588	3703	1337	0	0	0	0	25838	8	0	25844
703 FOOD CONSUMP HABITS	22	17.2	18.5	3084	228	218	0	0	0	0	3508	284	0	3773
708 CONTR INSECTS AFF MAN	28	24.7	57.3	5277	84	283	0	0	118	0	5723	3	0	5728
707 TRANS ANIML MAN DIS	4	1.3	1.8	335	0	0	0	0	0	0	335	0	0	335
708 HUMAN NUTRITION	149	80.8	181.8	28808	12408	12213	0	0	0	0	53427	222	388	54038
708 REDUCE HAZ HLTH & SFTY	28	7.8	12.0	1813	218	278	0	0	270	0	2378	78	0	2452
SUBTOTAL		223.7	458.8	88880	21881	14470	0	0	388	0	105431	880	388	108878

TABLE III-D SUMMARY BY PROBLEM AREA OF 1863 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.M. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FG 015	SP FG 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 800														
801 RURAL HOUSING	5	1.7	3.8	468	23	280	0	0	0	0	771	0	0	771
802 INDIV & FAM DEC MAKING	14	5.5	5.5	771	157	122	0	0	0	5	1055	0	0	1055
803 RURAL POVERTY	5	0.0	0.0	0	188	0	0	0	0	0	188	0	0	188
804 ECON POTENT RURL PEO	15	8.5	0.0	1813	748	36	0	0	0	107	2505	80	0	2585
805 COMMUNICAT EDUC PROC	6	0.0	0.0	0	175	238	0	0	0	0	414	0	0	414
806 ADJUSTMENT TO CHANGE	3	1.5	0.0	251	73	0	0	0	0	11	335	0	0	335
807 AGRIC ECONOMIC CHANGE	23	30.0	0.0	6325	837	83	0	0	0	0	7244	24	0	7268
808 GOVT PROGRAMS	21	16.1	0.0	2800	1025	50	0	0	0	0	3676	24	0	3700
SUBTOTAL		85.0	8.1	12030	3224	808	0	0	0	123	16186	108	0	16265
SERIES 800														
801 ALLEV POLLUTION	257	78.2	188.1	21620	10407	3821	0	0	220	0	36068	483	201	36751
802 OUTDOOR RECREATION	21	24.2	11.0	3832	158	0	0	0	578	0	4468	107	0	4572
803 MULTI USE FOREST POTEN	24	23.1	35.6	4184	80	25	0	0	178	0	4488	417	83	4988
804 WLDLFE AND FISH ECOL	60	63.0	141.4	15022	3078	3835	0	0	1208	0	22838	1188	20	24145
805 TREES BEAUTIFICATION	22	30.2	53.8	4328	22	38	0	0	233	0	4818	50	0	4868
806 ORNAMENT & TURF DEV	58	17.7	28.0	3581	763	72	0	0	0	18	4842	0	151	4884
807 RURAL INCOME IMP	21	7.1	4.8	840	735	466	0	0	157	0	2332	28	0	2380
808 RURAL INSTITUT IMP	23	6.5	0.0	1550	641	577	0	0	0	11	3378	21	0	3400
880 UNCLASSIFIED	5	0.0	4.0	248	0	1801	0	0	0	0	2048	0	0	2048
SUBTOTAL		251.1	446.8	55522	16161	10768	0	0	2671	27	85160	2263	455	87828
SCIENCE IN SERV OF MAN														
GRAND TOTAL		3251.3	6023.2	810508	180484	84838	0	0	16857	828	1078084	23720	8738	1108553

TABLE III-B SUMMARY BY COMMODITY OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SUPPORT SYS	STAFF-YEARS OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FO 015	SP FO 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUNDS	NON-FED FUNDS	TOTAL
4600 FARM COOPERATIVES	10	16.9	2.4	3221	0	134	0	0	0	0	3355	0	0	3355
TOTAL		16.9	2.4	3221	0	134	0	0	0	0	3355	0	0	3355

TABLE III-C SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SUPPORT SYS	STAFF-YEARS OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FO 015	SP FO 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUNDS	NON-FED FUNDS	TOTAL
SERIES 500														
508 PERFORMANCE MKTG SYS	7	11.6	1.5	2211	0	115	0	0	0	0	2326	0	0	2326
510 GROUP ACT MKT POWER	3	5.3	0.9	1010	0	19	0	0	0	0	1029	0	0	1029
SUBTOTAL		16.9	2.4	3221	0	134	0	0	0	0	3355	0	0	3355
SCIENCE IN SERV OF MAN														
GRAND TOTAL		16.9	2.4	3221	0	134	0	0	0	0	3355	0	0	3355

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	ND OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA DTHER CN GT	SP FD 015	SP FD 010	FORST SERV	DTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	250	102.0	235.7	27872	713	828	0	0	0	0	29815	508	134	30257
0200 WATER	283	97.6	234.8	29867	940	1184	0	0	0	0	28672	1677	199	30648
0300 WATERSHEDS RIVER BAS	102	36.6	100.7	11068	144	778	0	0	0	0	12018	288	192	12468
0900 TIMBER FORST PRODUCT	41	33.0	58.6	5772	90	131	0	0	0	0	5993	83	0	9028
0700 RANGE	85	60.3	117.1	13447	124	135	0	0	0	0	13706	1297	103	15075
0800 WILDLIFE AND FISH	19	10.8	24.0	3328	510	1694	0	0	0	0	5833	8	4	5845
0900 CITRUS SUB TROP FRUT	101	68.7	191.8	18458	51	1191	0	0	0	0	20701	537	166	21408
1000 FRUIT NUTS DECIDUDUS	208	101.8	248.6	27588	412	308	0	0	0	0	28290	258	372	28918
1100 POTATOES	104	37.4	82.3	11034	952	815	0	0	0	0	12302	97	22	12420
1200 VEGETABLES	244	108.2	226.9	28457	407	572	0	0	0	0	29435	391	187	29883
1300 ORNAMENTALS TURF	52	27.8	49.9	5845	43	22	0	0	0	0	5709	0	151	5890
1400 CORN	244	134.1	251.6	33238	683	908	0	0	0	0	34528	84	93	34704
1500 GRAIN SORGHUM	48	10.8	29.3	2972	189	10	0	0	0	0	3171	8	91	3268
1600 RICE	49	20.1	33.1	4449	253	138	0	0	0	0	4839	218	22	5079
1700 WHEAT	200	107.0	197.9	25875	270	248	0	0	0	0	26191	80	13	26284
1800 OTHER SMALL GRAINS	102	32.5	57.7	7470	210	151	0	0	0	0	7831	13	60	7904
1900 PASTURE	50	19.3	42.4	4293	32	77	0	0	0	0	4402	10	0	4412
2000 FORAGE CROPS	157	78.2	150.0	18315	322	127	0	0	0	0	18784	58	49	18872
2100 COTTON	197	140.5	311.4	35558	418	502	0	0	0	0	38478	265	10	38751
2200 COTTONSEED	22	8.5	23.2	2492	8	108	0	0	0	0	2578	73	0	2649
2300 SOYBEANS	221	105.8	190.3	26056	736	326	0	0	0	0	27123	109	775	28008
2400 PEANUTS	50	27.8	92.1	7278	159	205	0	0	0	0	7639	9	3	7651
2500 OTHER OILSEED CROPS	50	16.0	42.8	5161	283	54	0	0	0	0	5498	8	49	5550
2900 TOBACCO	38	21.8	39.0	4851	0	556	0	0	0	0	5407	0	6	5413
2700 SUGAR CROPS	49	33.5	101.2	9315	25	1027	0	0	0	0	10367	0	110	10477
2800 MISC NEW CROPS	52	19.3	38.5	5517	408	125	0	0	0	0	6050	498	18	6581
2900 POULTRY	101	78.0	188.3	22382	228	328	0	0	0	0	22948	50	285	23282
3000 BEEF CATTLE	177	120.3	287.8	37048	393	380	0	0	0	0	37799	40	75	37914
3100 DAIRY CATTLE	130	81.0	209.7	27705	188	281	0	0	0	0	28153	232	15	28400
3200 SWINE	108	93.9	185.7	25218	243	352	0	0	0	0	25814	198	29	26041
3300 SHEEP AND WOOL	78	32.1	78.9	10359	60	133	0	0	0	0	10552	1	12	10565
3400 OTHER ANIMALS	14	3.5	8.9	1979	0	516	0	0	0	0	2495	0	2	2497
3500 BEES AND HONEY	27	23.0	45.1	8120	191	2	0	0	0	0	8282	33	19	8335
3800 FOOD	44	27.8	59.1	8492	28	241	0	0	0	0	8731	292	1	8994
3900 HOUSING & EQUIP	9	2.1	3.3	424	0	123	0	0	0	0	547	0	0	547
4000 PEOPLE AS INDIVIDUALS	131	67.8	177.7	28251	8288	11008	0	0	0	0	47545	236	388	48188
9100 WEEDS	55	28.1	40.5	6004	88	461	0	0	0	0	6551	100	28	6679
9200 SEED RESEARCH	2	1.5	2.9	342	0	0	0	0	0	0	342	0	0	342
9300 BIO CELL SYSTEMS	18	4.3	9.3	1163	2	88	0	0	0	0	1231	2	45	1278
9500 INVERTEBRATES	61	39.0	75.8	8731	99	122	0	0	0	0	8922	132	223	9277
9600 MICROORGANISMS VIRUSES	49	18.9	41.2	4950	78	121	0	0	0	0	4849	117	303	5269
9700 PLANTS	171	86.8	158.2	20697	1243	980	0	0	0	0	22890	1032	457	24380
9900 ANIMALS(VERTEBRATES)	13	7.9	8.0	1334	0	20	0	0	0	0	1354	40	0	1394
7000 RSCH EQUIP & TECHNOLOG	35	8.8	15.9	2545	0	191	0	0	0	0	2738	145	38	2919
9800 UNCLASSIFIED	5	0.0	4.0	248	0	1801	0	0	0	0	2048	0	0	2048
TOTAL		2152.7	4983.4	588904	18110	28180	0	0	0	0	635194	9124	4692	648010

TABLE III-O SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H.	STAFF-YEARS SUPPORT	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
101 APPRAIS OF SOIL RESOR	16	4.6	13.4	1370	15	235	0	0	0	0	1620	108	0	1727
102 SOIL PLNT WTR NUTRI	188	118.6	283.6	32303	403	385	0	0	0	0	33071	419	118	33608
103 MGMT OF SALINE SOILS	19	8.7	18.0	2062	166	33	0	0	0	0	2260	24	53	2338
104 ALTERN USE OF LAND	3	0.9	1.7	182	0	0	0	0	0	0	182	28	0	210
105 CONSERV USE OF WATER	117	51.1	113.0	12068	455	465	0	0	0	0	12988	1261	52	14302
106 DRAIN AND IRRIGATION	32	17.1	38.5	4625	0	151	0	0	0	0	4776	287	34	5107
107 WATERSHED PROT & MGMT	117	88.9	187.2	17876	215	1383	0	0	0	0	19473	431	228	20230
108 WEATHER ADAPT & MOD	57	17.1	37.5	4815	270	288	0	0	0	0	5184	197	0	5381
110 APPRAIS FORST & RANGS	1	0.0	0.0	0	0	0	0	0	0	0	0	11	0	11
112 IMPROV RANGE RESOR	43	29.2	58.0	6928	98	28	0	0	0	0	7054	102	93	7248
113 REMOTE SENSING	28	12.8	23.8	3285	0	448	0	0	0	0	3702	880	0	4383
SUBTOTAL		327.2	734.1	85384	1621	3407	0	0	0	0	90412	3888	577	94547
SERIES 200														
201 CNTRL FORST INSECTS	30	15.2	22.8	2925	84	105	0	0	0	0	3084	57	0	3151
202 CONTRDL FOREST DIS	4	1.0	2.2	208	0	0	0	0	0	0	208	24	0	232
204 CNTR PESTS FRT & VEGS	186	83.6	213.8	23377	358	871	0	0	0	0	24706	1052	218	25977
206 CNTR OISE FRT & VEG	184	80.9	132.8	16618	884	1087	0	0	0	0	18389	218	178	18787
206 CNTR WEEDS FRT & VEG	28	8.6	12.8	1548	15	44	0	0	0	0	1804	74	14	1892
207 CNTR PESTS FLD CROPS	178	120.0	256.6	27822	280	471	0	0	0	0	28573	1262	28	29862
208 CNTR OIS FIELD CROPS	188	92.1	173.7	21440	113	352	0	0	0	0	21908	80	30	21995
209 CNTR WEEDS FLD CROPS	100	68.7	108.5	15884	15	150	0	0	0	0	16030	150	38	18218
210 CONTR PESTS ANIMALS	33	32.6	73.2	8012	53	110	0	0	0	0	8178	40	20	8234
211 CONTR OIS ANIMALS	88	68.6	325.7	40864	394	878	0	0	0	0	42134	193	85	42412
212 CNTR INTER PARASITES	17	17.6	71.2	6189	70	2	0	0	0	0	6231	30	182	6483
213 PROT ANMLS FROM TOXINS	17	16.6	29.7	3864	124	0	0	0	0	0	4018	1	10	4029
214 PROTECT FROM POLLUTION	28	14.1	17.3	2803	1001	73	0	0	0	0	3877	182	182	4251
SUBTOTAL		826.7	1436.1	171520	3171	4231	0	0	0	0	178922	3384	998	183273
SERIES 300														
304 IMP BIO EFF FRT & VEGS	154	72.2	181.6	21180	376	425	0	0	0	0	21880	247	143	22380
305 MECH PROD FRT & VEGS	8	4.0	8.5	857	3	1	0	0	0	0	860	0	8	888
306 PROD MGMT SYS F & V	5	0.8	1.3	141	0	0	0	0	0	0	141	8	0	148
307 IMP BIO EFF FLD CRP	377	190.9	434.1	49888	1886	2135	0	0	0	0	83891	290	730	85011
308 MECH PROD FIELD CROPS	12	7.8	18.8	2172	52	8	0	0	0	0	2229	7	0	2236
309 PROD MGMT SYS FLD CRP	57	20.2	38.9	4884	72	75	0	0	0	0	5041	8	8	8052
310 ANIMAL REPRODUCTION	40	32.4	81.3	11128	0	43	0	0	0	0	11172	0	42	11214
311 IMP BIO EFF ANML PR	102	88.7	182.8	23114	72	882	0	0	0	0	23837	88	38	23932
312 ENV STRESS IN ANML PR	18	9.7	21.4	2893	328	0	0	0	0	0	3018	0	0	3018
313 PROD MGMT SYS ANML PR	18	8.1	12.3	1741	0	0	0	0	0	0	1741	8	0	1747
314 BEES OTH POLLNTNG INS	27	23.0	48.1	8120	181	2	0	0	0	0	8282	33	18	8338
318 NON COM BIO TECH/BIMET	98	54.4	122.3	13818	148	784	0	0	0	0	14420	208	888	15814
SUBTOTAL		490.1	1105.0	137438	3168	4081	0	0	0	0	144894	887	1971	147522
SERIES 400														
402 PROD F & V IMP ACCEPT	80	27.1	48.3	8388	84	88	0	0	0	0	8488	8	38	8538
403 NEW & IMP F & V PROD	18	11.8	17.8	2948	78	23	0	0	0	0	3047	0	0	3047
404 MKT QUAL FRTS & VEGS	74	88.8	98.7	12908	8	143	0	0	0	0	13058	14	108	13178
405 PROD FLO CROP IMP ACPT	137	88.7	138.8	17008	490	118	0	0	0	0	17815	184	201	17979
406 NEW IMP FOOD FLO CROP	28	30.4	43.8	7352	4	87	0	0	0	0	7443	0	13	7456
407 NEW IMP NON FOOD FC	87	88.8	148.2	21842	488	485	0	0	0	0	22888	71	14	22971
408 MKT QUAL FIELD CROPS	48	38.1	70.4	8421	37	85	0	0	0	0	8823	103	22	8848
409 PROD ANML PR IMP ACCP	27	11.8	38.8	4247	0	55	0	0	0	0	4302	20	21	4343
410 IMP MEAT MILK EGG PR	17	17.3	28.2	4633	0	33	0	0	0	0	4886	10	0	4878
411 IMP NON FOOD ANML PR	12	13.4	18.3	3181	0	1018	0	0	0	0	4200	0	0	4200
412 MKT QUAL ANIMAL PROD	13	7.2	14.3	2288	8	20	0	0	0	0	2327	18	0	2342
SUBTOTAL		370.4	855.2	91305	1178	2084	0	0	0	0	94884	404	412	98380
SERIES 500														
501 IMP GRADES & STANDS	17	15.3	37.0	3742	23	60	0	0	0	0	3825	0	0	3828
503 MKTG EFF AGRI PRODS	14	4.8	11.2	1142	18	3	0	0	0	0	1162	25	0	1187
SUBTOTAL		20.2	48.2	4884	38	63	0	0	0	0	4987	28	0	5012
SERIES 600														
601 FGN MKT DEVELP	8	1.1	0.8	185	28	0	0	0	0	0	193	4	0	198
603 TECH AID DEV CRTY	5	0.8	2.1	888	0	0	0	0	0	0	888	0	0	888
604 PRO OVLPMT/MKTG FRGN	4	2.7	7.8	800	0	0	0	0	0	0	800	0	0	800
SUBTOTAL		4.4	10.5	1884	28	0	0	0	0	0	1892	4	0	1898
SERIES 700														
701 TOX RES IN FOOD	33	28.0	83.7	7981	7	63	0	0	0	0	8051	290	0	8341
702 FOOD PROT FROM TOX	78	77.8	183.5	20308	116	400	0	0	0	0	20822	8	0	20828
703 FOOD CONSUMP HABITS	12	8.1	18.5	1718	0	218	0	0	0	0	1938	284	0	2188
706 CONTR INSECTS AFF MAN	22	18.7	43.3	4818	38	263	0	0	0	0	4918	3	0	4922
707 TRANS ANIML MAN DIS	3	0.8	1.8	218	0	0	0	0	0	0	218	0	0	218
708 HUMAN NUTRITION	113	88.3	181.8	28488	8248	10845	0	0	0	0	47581	222	388	48181
709 REDUCE HAZ HLTH & SFTY	17	5.8	8.4	1308	0	278	0	0	0	0	1883	2	0	1888
SUBTOTAL		198.4	438.1	84808	8408	12085	0	0	0	0	88080	788	388	88253
SERIES 800														
802 INDIV & FAM DEC MAKING	10	8.1	8.8	848	0	122	0	0	0	0	788	0	0	788
SUBTOTAL		8.1	8.8	848	0	122	0	0	0	0	788	0	0	788
SERIES 900														
901 ALLEV POLLUTION	180	88.8	141.0	17803	808	281	0	0	0	0	18083	120	191	18404
904 WLDLFE AND FISH ECOL	20	11.0	24.0	3328	833	875	0	0	0	0	4838	18	4	4858
908 TREES BEAUTIFICATION	17	27.7	82.8	4089	13	38	0	0	0	0	4111	0	0	4111
908 ORNAMENT & TURF DEV	45	17.0	28.0	3922	44	22	0	0	0	0	3988	0	151	4139
980 UNCLASSIFIED	5	0.0	4.0	248	0	1801	0	0	0	0	2048	0	0	2048
SUBTOTAL		112.2	248.8	29481	1488	3117	0	0	0	0	34077	138	347	34560
SCIENCE IN SERV OF MAN														
GRAND TOTAL		2182.7	4883.4	888904	18110	28180	0	0	0	0	838184	9124	4892	849010

TABLE III-B SUMMARY BY COMMDOITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	94	0.0	0.0	0	5102	907	0	0	0	0	5709	0	0	5709
0200 WATER	57	0.0	0.0	0	5098	1527	0	0	0	0	8625	0	0	8625
0300 WATERSHEDS RIVER BAS	12	0.0	0.0	0	653	448	0	0	0	0	1098	0	0	1098
0400 AIR AND CLIMATE	2	0.0	0.0	0	0	478	0	0	0	0	478	0	0	478
0500 RECREATION RESOURCES	4	0.0	0.0	0	193	0	0	0	0	0	193	0	0	193
0800 TIMBER FORST PRODUCT	21	0.0	0.0	0	4530	0	0	0	0	0	4530	0	0	4530
0700 RANGE	11	0.0	0.0	0	628	150	0	0	0	0	777	0	0	777
0800 WILDLIFE AND FISH	27	0.0	0.0	0	5283	5071	0	0	0	0	10385	0	0	10385
0900 CITRUS SUB TROP FRUT	17	0.0	0.0	0	871	905	0	0	0	0	1877	0	0	1877
1000 FRUIT NUTS DECIDUOUS	34	0.0	0.0	0	3380	0	0	0	0	0	3380	0	0	3380
1100 POTATOES	31	0.0	0.0	0	2526	187	0	0	0	0	2713	0	0	2713
1200 VEGETABLES	78	0.0	0.0	0	5389	0	0	0	0	0	5389	0	0	5389
1300 ORNAMENTALS TURF	10	0.0	0.0	0	718	0	0	0	0	0	718	0	0	718
1400 CORN	34	0.0	0.0	0	1021	963	0	0	0	0	1984	0	0	1984
1500 GRAIN SORGHUM	4	0.0	0.0	0	215	0	0	0	0	0	215	0	0	215
1800 RICE	7	0.0	0.0	0	388	0	0	0	0	0	388	0	0	388
1700 WHEAT	28	0.0	0.0	0	1888	0	0	0	0	0	1888	0	0	1888
1800 OTHER SMALL GRAINS	8	0.0	0.0	0	633	72	0	0	0	0	705	0	0	705
1900 PASTURE	2	0.0	0.0	0	71	0	0	0	0	0	71	0	0	71
2000 FORAGE CROPS	22	0.0	0.0	0	1059	100	0	0	0	0	1159	0	0	1159
2100 COTTON	11	0.0	0.0	0	1157	0	0	0	0	0	1157	0	0	1157
2200 COTTONSEED	1	0.0	0.0	0	0	71	0	0	0	0	71	0	0	71
2300 SOYBEANS	28	0.0	0.0	0	2149	259	0	0	0	0	2403	0	0	2403
2400 PEANUTS	4	0.0	0.0	0	472	0	0	0	0	0	472	0	0	472
2500 OTHER OILSEED CROPS	44	0.0	0.0	0	2390	710	0	0	0	0	3100	0	0	3100
2600 TOBACCO	3	0.0	0.0	0	145	130	0	0	0	0	275	0	0	275
2700 SUGAR CROPS	2	0.0	0.0	0	105	0	0	0	0	0	105	0	0	105
2800 MISC NEW CROPS	24	0.0	0.0	0	3412	583	0	0	0	0	3995	0	0	3995
2900 POULTRY	17	0.0	0.0	0	2017	0	0	0	0	0	2017	0	0	2017
3000 BEEF CATTLE	28	0.0	0.0	0	1544	0	0	0	0	0	1544	0	0	1544
3100 DAIRY CATTLE	18	0.0	0.0	0	1528	0	0	0	0	0	1528	0	0	1528
3200 SWINE	12	0.0	0.0	0	1004	0	0	0	0	0	1004	0	0	1004
3300 SHEEP AND WOOL	11	0.0	0.0	0	300	0	0	0	0	0	300	0	0	300
3400 OTHER ANIMALS	11	0.0	0.0	0	1391	0	0	0	0	0	1391	0	0	1391
3500 FARM SUPP & FACILITS	5	0.0	0.0	0	198	0	0	0	0	0	198	0	0	198
3600 FOOD	20	0.0	0.0	0	2744	0	0	0	0	0	2744	0	0	2744
3900 HOUSING & EQUIP	7	0.0	0.0	0	209	139	0	0	0	0	343	0	0	343
4000 PEOPLE AS INDIVIDUALS	12	0.0	0.0	0	1185	0	0	0	0	0	1185	0	0	1185
4100 FAMILY MEMBERS	3	0.0	0.0	0	724	0	0	0	0	0	724	0	0	724
4200 FARM AS BUSINESS	9	0.0	0.0	0	819	0	0	0	0	0	819	0	0	819
4300 SOC POLIT ORGANIZ	22	0.0	0.0	0	1598	387	0	0	0	0	1985	0	0	1985
4400 AGRIC ECONOMY U S	11	0.0	0.0	0	1959	0	0	0	0	0	1958	0	0	1959
4900 AGRIC ECONOMY FORGN	8	0.0	0.0	0	1452	0	0	0	0	0	1452	0	0	1452
4600 FARM COOPERATIVES	2	0.0	0.0	0	82	0	0	0	0	0	82	0	0	82
4700 OTH MARKET PROCESS	1	0.0	0.0	0	32	0	0	0	0	0	32	0	0	32
4800 MARKETING SYSTEMS	5	0.0	0.0	0	250	0	0	0	0	0	250	0	0	250
9100 WEEDS	12	0.0	0.0	0	758	0	0	0	0	0	758	0	0	758
9300 BIO CELL SYSTEMS	4	0.0	0.0	0	292	0	0	0	0	0	292	0	0	292
8400 EXP DESIGN/STAT METHOD	1	0.0	0.0	0	0	8	0	0	0	0	8	0	0	8
9900 INVERTEBRATES	10	0.0	0.0	0	282	0	0	0	0	0	282	0	0	282
9800 MICROORGANISMS VIRUSES	17	0.0	0.0	0	1032	18	0	0	0	0	1050	0	0	1050
9700 PLANTS	81	0.0	0.0	0	8011	382	0	0	0	0	8393	0	0	8393
9800 ANIMALS(VERTEBRATES)	28	0.0	0.0	0	1245	88	0	0	0	0	1341	0	0	1341
9900 RESEARCH ON RSCH MGMT	15	0.0	0.0	0	3803	34	0	0	0	0	3827	0	0	3827
7000 RSCH EQUIP & TECHNOLOG	7	0.0	0.0	0	2288	0	0	0	0	0	2288	0	0	2288
TOTAL		0.0	0.0	0	86039	13322	0	0	0	0	99358	0	0	99358

TABLE III-O SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FO 015	SP FO 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
101 APPRAIS OF SOIL RESOR	9	0.0	0.0	0	389	191	0	0	0	0	580	0	0	580
102 SOIL PLNT WTR NUTRI	53	0.0	0.0	0	3504	194	0	0	0	0	3669	0	0	3998
104 ALTERN USE OF LAND	4	0.0	0.0	0	187	0	0	0	0	0	187	0	0	187
105 CONSERV USE OF WATER	10	0.0	0.0	0	440	440	0	0	0	0	880	0	0	880
106 DRAIN AND IRRIGATION	6	0.0	0.0	0	649	42	0	0	0	0	688	0	0	988
107 WATERSHED PROT & MGMT	19	0.0	0.0	0	1104	514	0	0	0	0	1618	0	0	1618
108 ECON LEG PROB OF WAT	3	0.0	0.0	0	194	0	0	0	0	0	194	0	0	194
109 WEATHER ADAPT & MOD	3	0.0	0.0	0	17	397	0	0	0	0	414	0	0	414
110 APPRAIS FORST & RANGS	3	0.0	0.0	0	88	15	0	0	0	0	103	0	0	103
111 BIOL CULT MGMT FORSTS	3	0.0	0.0	0	143	0	0	0	0	0	143	0	0	143
112 IMPROV RANGE RESOR	5	0.0	0.0	0	238	60	0	0	0	0	298	0	0	298
113 REMOTE SENSING	4	0.0	0.0	0	398	191	0	0	0	0	589	0	0	589
114 RSCH ON MGMT OF RSCH	15	0.0	0.0	0	3893	34	0	0	0	0	3927	0	0	3927
SUBTOTAL		0.0	0.0	0	11220	2048	0	0	0	0	13268	0	0	13298
SERIES 200														
202 CONTROL FOREST OIS	4	0.0	0.0	0	92	0	0	0	0	0	92	0	0	92
204 CNTR PESTS FRT & VEGS	53	0.0	0.0	0	2341	0	0	0	0	0	2341	0	0	2341
205 CNTR DISE FRT & VEG	91	0.0	0.0	0	3475	0	0	0	0	0	3475	0	0	3475
206 CNTR WEEDS FRT & VEG	22	0.0	0.0	0	868	0	0	0	0	0	898	0	0	868
207 CNTR PESTS FLD CROPS	44	0.0	0.0	0	2163	0	0	0	0	0	2163	0	0	2193
208 CNTR DIS FIELD CROPS	32	0.0	0.0	0	1326	130	0	0	0	0	1456	0	0	1459
209 CNTR WEEDS FLD CROPS	31	0.0	0.0	0	1825	195	0	0	0	0	2021	0	0	2021
210 CONTR PESTS ANIMALS	9	0.0	0.0	0	353	0	0	0	0	0	353	0	0	353
211 CONTR DIS ANIMALS	9	0.0	0.0	0	654	0	0	0	0	0	654	0	0	654
212 CNTR INTER PARASITES	2	0.0	0.0	0	261	0	0	0	0	0	261	0	0	261
213 PROT ANMLS FROM TOXINS	4	0.0	0.0	0	221	0	0	0	0	0	221	0	0	221
214 PROTECT FROM POLLUTION	15	0.0	0.0	0	3192	98	0	0	0	0	3257	0	0	3257
SUBTOTAL		0.0	0.0	0	16740	421	0	0	0	0	17161	0	0	17161
SERIES 300														
302 IMP FOREST ENG SYS	2	0.0	0.0	0	314	0	0	0	0	0	314	0	0	314
303 ECON TIMBER PRODUCTN	1	0.0	0.0	0	90	0	0	0	0	0	90	0	0	90
304 IMP BIO EFF FRT & VEGS	35	0.0	0.0	0	2192	0	0	0	0	0	2182	0	0	2192
305 MECH PROD FRT & VEGS	1	0.0	0.0	0	17	0	0	0	0	0	17	0	0	17
306 PROD MGMT SYS F & V	16	0.0	0.0	0	1158	0	0	0	0	0	1158	0	0	1158
307 IMP BIO EFF FLD CRP	30	0.0	0.0	0	2212	486	0	0	0	0	2698	0	0	2698
308 MECH PROD FIELD CROPS	2	0.0	0.0	0	80	0	0	0	0	0	80	0	0	80
309 PROD MGMT SYS FLD CRP	25	0.0	0.0	0	1128	59	0	0	0	0	1187	0	0	1187
310 ANIMAL REPRODUCTION	6	0.0	0.0	0	467	0	0	0	0	0	467	0	0	467
311 IMP BIO EFF ANML PR	29	0.0	0.0	0	2165	10	0	0	0	0	2175	0	0	2175
312 ENV STRESS IN ANML PR	6	0.0	0.0	0	426	0	0	0	0	0	429	0	0	426
313 PROD MGMT SYS ANML PR	14	0.0	0.0	0	1202	0	0	0	0	0	1202	0	0	1202
315 IMP STRUC FARM SUPP	1	0.0	0.0	0	0	136	0	0	0	0	139	0	0	139
319 FARM BUSINESS MGMT	5	0.0	0.0	0	330	0	0	0	0	0	330	0	0	330
318 NON COM BIO TECH/BIMET	12	0.0	0.0	0	3503	0	0	0	0	0	3503	0	0	3503
SUBTOTAL		0.0	0.0	0	15253	692	0	0	0	0	15945	0	0	15945
SERIES 400														
401 NEW IMP FOREST PROD	13	0.0	0.0	0	3245	0	0	0	0	0	3245	0	0	3245
402 PROD F & V IMP ACCEPT	14	0.0	0.0	0	616	115	0	0	0	0	731	0	0	731
403 NEW & IMP F & V PROD	7	0.0	0.0	0	402	905	0	0	0	0	1308	0	0	1308
404 MKT QUAL FRTS & VEGS	8	0.0	0.0	0	480	0	0	0	0	0	480	0	0	480
405 PROD FLD CROP IMP ACPT	17	0.0	0.0	0	1252	0	0	0	0	0	1252	0	0	1252
406 NEW IMP FOOD FLD CROP	9	0.0	0.0	0	1398	35	0	0	0	0	1433	0	0	1433
407 NEW IMP NON FOOD FC	45	0.0	0.0	0	3246	2068	0	0	0	0	5311	0	0	5311
408 MKT QUAL FIELD CROPS	2	0.0	0.0	0	2	0	0	0	0	0	2	0	0	2
409 PROD ANML PR IMP ACCP	11	0.0	0.0	0	1058	0	0	0	0	0	1058	0	0	1058
410 IMP MEAT MILK EGG PR	6	0.0	0.0	0	1093	0	0	0	0	0	1093	0	0	1093
411 IMP NON FOOD ANML PR	2	0.0	0.0	0	57	0	0	0	0	0	57	0	0	57
412 MKT QUAL ANIMAL PROD	1	0.0	0.0	0	330	0	0	0	0	0	330	0	0	330
SUBTOTAL		0.0	0.0	0	13178	3121	0	0	0	0	16300	0	0	16300
SERIES 500														
501 IMP GRADES & STANDS	5	0.0	0.0	0	242	0	0	0	0	0	242	0	0	242
502 MKTG TIMBER PRODUCTS	2	0.0	0.0	0	131	0	0	0	0	0	131	0	0	131
503 MKTG EFF AGRI PRODS	4	0.0	0.0	0	297	0	0	0	0	0	297	0	0	297
509 SPLY DEMAND AND PRIC	8	0.0	0.0	0	1034	0	0	0	0	0	1034	0	0	1034
507 COMP REL IN AGRIC	4	0.0	0.0	0	278	0	0	0	0	0	278	0	0	278
508 DOMESTIC MKT DEVELP	7	0.0	0.0	0	225	1054	0	0	0	0	1279	0	0	1279
509 PERFORMANCE MKTG SYS	6	0.0	0.0	0	533	0	0	0	0	0	533	0	0	533
510 GROUP ACT MKT POWER	2	0.0	0.0	0	99	0	0	0	0	0	99	0	0	99
511 IMP AGRIC STATISTICS	3	0.0	0.0	0	81	6	0	0	0	0	87	0	0	87
SUBTOTAL		0.0	0.0	0	2890	1090	0	0	0	0	3949	0	0	3949
SERIES 600														
601 FGN MKT DEVELP	18	0.0	0.0	0	2798	0	0	0	0	0	2798	0	0	2798
604 PRO DVLPMT/MKTG FRGN	8	0.0	0.0	0	340	1253	0	0	0	0	1593	0	0	1593
SUBTOTAL		0.0	0.0	0	3138	1253	0	0	0	0	4391	0	0	4391
SERIES 700														
701 TOX RES IN FOOD	40	0.0	0.0	0	5057	0	0	0	0	0	5057	0	0	5057
702 FOOD PROT FROM TOX	12	0.0	0.0	0	1944	0	0	0	0	0	1944	0	0	1944
703 FOOD CONSUMP HABITS	4	0.0	0.0	0	185	0	0	0	0	0	185	0	0	185
706 CONTR INSECTS AFF MAN	4	0.0	0.0	0	28	0	0	0	0	0	28	0	0	29
708 HUMAN NUTRITION	7	0.0	0.0	0	1892	0	0	0	0	0	1892	0	0	1862
709 REDUCE HAZ HLTH & SFTY	4	0.0	0.0	0	218	0	0	0	0	0	218	0	0	218
SUBTOTAL		0.0	0.0	0	9293	0	0	0	0	0	9293	0	0	9293
SERIES 800														
801 RURAL HOUSING	1	0.0	0.0	0	23	0	0	0	0	0	23	0	0	23
802 INDIV & FAM DEC MAKING	1	0.0	0.0	0	9	0	0	0	0	0	9	0	0	9
803 RURAL POVERTY	3	0.0	0.0	0	112	0	0	0	0	0	112	0	0	112
804 ECON POTENT RURL PEO	9	0.0	0.0	0	509	0	0	0	0	0	509	0	0	506
805 COMMUNICAT EDUC PROC	9	0.0	0.0	0	175	239	0	0	0	0	414	0	0	414
809 ADJUSTMENT TO CHANGE	1	0.0	0.0	0	9	0	0	0	0	0	9	0	0	9
807 AGRIC ECONOMIC CHANGE	7	0.0	0.0	0	849	0	0	0	0	0	849	0	0	949
808 GOVT PROGRAMS	11	0.0	0.0	0	1025	0	0	0	0	0	1025	0	0	1025
SUBTOTAL		0.0	0.0	0	2508	239	0	0	0	0	2747	0	0	2747
SERIES 900														
901 ALLEV POLLUTION	58	0.0	0.0	0	7459	1965	0	0	0	0	9420	0	0	9420
902 OUTDOOR RECREATION	3	0.0	0.0	0	158	0	0	0	0	0	158	0	0	158
903 MULTI USE FOREST POTEN	1	0.0	0.0	0	90	0	0	0	0	0	90	0	0	90
904 WLDLFE AND FISH ECOL	14	0.0	0.0	0	2399	2397	0	0	0	0	4739	0	0	4739
905 TREES BEAUTIFICATION	1	0.0	0.0	0	9	0	0	0	0	0	9	0	0	9
906 ORNAMENT & TURF DEV	10	0.0	0.0	0	718	0	0	0	0	0	718	0	0	718
907 RURAL INCOME IMP	7	0.0	0.0	0	519	0	0	0	0	0	519	0	0	519
908 RURAL INSTITUT IMP	12	0.0	0.0	0	497	158	0	0	0	0	655	0	0	655
SUBTOTAL		0.0	0.0	0	11815	4490	0	0	0	0	19305	0	0	19305
SCIENCE IN SERV OF MAN														
GRAND TOTAL		0.0	0.0	0	89038	13322	0	0	0	0	99358	0	0	99358

TABLE III-6 SUMMARY BY COMMODITY OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FO 015	SP FO 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUNO	NON-FED FUNO	TOTAL
0100 SOIL AND LAND	18	0.0	0.0	0	1575	98	0	0	0	0	1844	0	0	1844
0200 WATER	14	0.0	0.0	0	408	884	0	0	0	0	1082	0	0	1092
0300 WATERSHEDS RIVER BAS	3	0.0	0.0	0	79	523	0	0	0	0	802	0	0	802
0400 AIR AND CLIMATE	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
0600 TIMBER FORST PRODUCT	65	0.0	0.0	0	3898	2789	0	0	0	0	6953	0	0	6953
0700 RANGE	4	0.0	0.0	0	254	295	0	0	0	0	549	0	0	549
0800 WILDLIFE AND FISH	32	0.0	0.0	0	1929	1265	0	0	0	0	2894	0	0	2894
0900 CITRUS SUB TROP FRUT	4	0.0	0.0	0	250	0	0	0	0	0	250	0	0	250
1000 FRUIT NUTS DECIDUOUS	9	0.0	0.0	0	711	203	0	0	0	0	915	0	0	915
1100 POTATOES	10	0.0	0.0	0	837	0	0	0	0	0	837	0	0	837
1200 VEGETABLES	51	0.0	0.0	0	4128	814	0	0	0	0	4941	0	0	4941
1300 ORNAMENTALS TURF	2	0.0	0.0	0	50	0	0	0	0	0	50	0	0	50
1400 CORN	39	0.0	0.0	0	2084	1808	0	0	0	0	3892	0	0	3892
1500 GRAIN SORGHUM	6	0.0	0.0	0	152	350	0	0	0	0	503	0	0	503
1800 RICE	9	0.0	0.0	0	908	198	0	0	0	0	805	0	0	805
1700 WHEAT	27	0.0	0.0	0	1961	183	0	0	0	0	2145	0	0	2145
1800 OTHER SMALL GRAINS	15	0.0	0.0	0	993	360	0	0	0	0	1353	0	0	1353
2000 FORAGE CROPS	12	0.0	0.0	0	388	257	0	0	0	0	853	0	0	853
2100 COTTON	10	0.0	0.0	0	494	303	0	0	0	0	797	0	0	797
2300 SOYBEANS	25	0.0	0.0	0	781	832	0	0	0	0	1723	0	0	1723
2400 PEANUTS	4	0.0	0.0	0	412	0	0	0	0	0	412	0	0	412
2500 OTHER OILSEED CROPS	4	0.0	0.0	0	127	292	0	0	0	0	418	0	0	418
2600 TOBACCO	18	0.0	0.0	0	563	723	0	0	0	0	1288	0	0	1288
2700 SUGAR CROPS	2	0.0	0.0	0	120	175	0	0	0	0	295	0	0	295
2800 MISC NEW CROPS	2	0.0	0.0	0	150	68	0	0	0	0	218	0	0	218
2600 POULTRY	24	0.0	0.0	0	2047	1595	0	0	0	0	3842	0	0	3842
3000 BEEF CATTLE	49	0.0	0.0	0	4092	1541	0	0	0	0	5803	0	0	5803
3100 DAIRY CATTLE	48	0.0	0.0	0	4095	1505	0	0	0	0	5800	0	0	5800
3200 SWINE	31	0.0	0.0	0	2591	1977	0	0	0	0	4538	0	0	4539
3300 SHEEP AND WOOL	10	0.0	0.0	0	569	407	0	0	0	0	976	0	0	976
3400 OTHER ANIMALS	21	0.0	0.0	0	1040	1578	0	0	0	0	2818	0	0	2818
3500 BEES AND HONEY	4	0.0	0.0	0	43	241	0	0	0	0	284	0	0	284
3800 FOOD	7	0.0	0.0	0	930	0	0	0	0	0	930	0	0	930
3900 HOUSING & EQUIP	1	0.0	0.0	0	0	85	0	0	0	0	85	0	0	85
4000 PEOPLE AS INDIVIDUALS	15	0.0	0.0	0	1370	664	0	0	0	0	2034	0	0	2034
4100 FAMILY MEMBERS	4	0.0	0.0	0	304	0	0	0	0	0	304	0	0	304
4300 SOC POLIT ORGANIZ	11	0.0	0.0	0	798	556	0	0	0	0	1354	0	0	1354
4400 AGRIC ECONOMY U S	3	0.0	0.0	0	145	83	0	0	0	0	228	0	0	228
4500 AGRIC ECONOMY FORGN	3	0.0	0.0	0	89	36	0	0	0	0	122	0	0	122
6100 WEEDS	2	0.0	0.0	0	157	0	0	0	0	0	157	0	0	157
9300 BIO CELL SYSTEMS	2	0.0	0.0	0	0	158	0	0	0	0	158	0	0	158
6500 INVERTEBRATES	65	0.0	0.0	0	3389	2132	0	0	0	0	5497	0	0	5497
6600 MICROORGANISMS VIRUSES	112	0.0	0.0	0	6983	4700	0	0	0	0	10983	0	0	10683
6700 PLANTS	109	0.0	0.0	0	4721	5745	0	0	0	0	10469	0	0	10469
6800 ANIMALS(VERTEBRATES)	6	0.0	0.0	0	394	210	0	0	0	0	604	0	0	604
7000 RSCH EQUIP & TECHNOLOG	1	0.0	0.0	0	13	0	0	0	0	0	13	0	0	13
TOTAL		0.0	0.0	0	55317	35275	0	0	0	0	90592	0	0	90592

TABLE III-O SUMMARY BY PROBLEM AREA OF 1893 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FO 015	SP FO 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
101 APPRAIS OF SOIL RESOR	1	0.0	0.0	0	3	0	0	0	0	0	3	0	0	3
102 SOIL PLNT WTR NUTRI	36	0.0	0.0	0	2021	1898	0	0	0	0	3718	0	0	3718
105 CONSERV USE OF WATER	2	0.0	0.0	0	50	49	0	0	0	0	99	0	0	99
107 WATERSHED PROT & MGMT	4	0.0	0.0	0	154	0	0	0	0	0	154	0	0	154
108 WEATHER ADAPT & MOD	1	0.0	0.0	0	295	0	0	0	0	0	295	0	0	295
110 APPRAIS FORST & RANGS	2	0.0	0.0	0	120	100	0	0	0	0	220	0	0	220
111 BIOL CULT MGMT FORSTS	18	0.0	0.0	0	978	928	0	0	0	0	1907	0	0	1907
112 IMPROV RANGE RESOR	1	0.0	0.0	0	0	180	0	0	0	0	180	0	0	180
SUBTOTAL		0.0	0.0	0	3822	2933	0	0	0	0	6254	0	0	6254
SERIES 200														
201 CNTRL FORST INSECTS	8	0.0	0.0	0	395	321	0	0	0	0	716	0	0	716
202 CONTROL FOREST DIS	4	0.0	0.0	0	535	0	0	0	0	0	535	0	0	535
204 CNTR PESTS FRT & VEGS	20	0.0	0.0	0	813	864	0	0	0	0	1678	0	0	1678
205 CNTR DISE FRT & VEG	18	0.0	0.0	0	1318	190	0	0	0	0	1508	0	0	1508
206 CNTR WEEDS FRT & VEG	3	0.0	0.0	0	170	118	0	0	0	0	288	0	0	288
207 CNTR PESTS FLD CROPS	32	0.0	0.0	0	1635	762	0	0	0	0	2398	0	0	2398
208 CNTR DIS FIELD CROPS	34	0.0	0.0	0	1985	811	0	0	0	0	2778	0	0	2778
209 CNTR WEEDS FLD CROPS	9	0.0	0.0	0	572	0	0	0	0	0	572	0	0	572
211 CONTR DIS ANIMALS	54	0.0	0.0	0	5542	2875	0	0	0	0	8417	0	0	8417
212 CNTR INTER PARASITES	9	0.0	0.0	0	520	390	0	0	0	0	910	0	0	910
213 PROT ANMLS FROM TOXINS	4	0.0	0.0	0	250	179	0	0	0	0	429	0	0	429
214 PROTECT FROM POLLUTION	9	0.0	0.0	0	406	603	0	0	0	0	1008	0	0	1008
SUBTOTAL		0.0	0.0	0	14219	6913	0	0	0	0	21132	0	0	21132
SERIES 300														
301 GENET BREED FORST TRE	4	0.0	0.0	0	367	200	0	0	0	0	567	0	0	567
304 IMP BIO EFF FRT & VEGS	33	0.0	0.0	0	3018	760	0	0	0	0	3777	0	0	3777
305 MECH PROD FRT & VEGS	1	0.0	0.0	0	111	0	0	0	0	0	111	0	0	111
307 IMP BIO EFF FLD CRP	74	0.0	0.0	0	4744	3815	0	0	0	0	8559	0	0	8559
310 ANIMAL REPRODUCTION	28	0.0	0.0	0	3854	1066	0	0	0	0	4920	0	0	4920
311 IMP BIO EFF ANML PR	52	0.0	0.0	0	3754	4005	0	0	0	0	7759	0	0	7759
312 ENV STRESS IN ANML PR	3	0.0	0.0	0	266	215	0	0	0	0	481	0	0	481
313 PROD MGMT SYS ANML PR	2	0.0	0.0	0	0	124	0	0	0	0	124	0	0	124
314 BEES OTH POLLNTNG INS	4	0.0	0.0	0	43	241	0	0	0	0	284	0	0	284
318 NON COM BIO TECH/BIMET	171	0.0	0.0	0	7677	8671	0	0	0	0	16347	0	0	16347
SUBTOTAL		0.0	0.0	0	23833	19097	0	0	0	0	42930	0	0	42930
SERIES 400														
401 NEW IMP FOREST PROD	29	0.0	0.0	0	1193	1152	0	0	0	0	2346	0	0	2346
402 PROD F & V IMP ACCEPT	1	0.0	0.0	0	3	0	0	0	0	0	3	0	0	3
403 NEW & IMP F & V PROD	4	0.0	0.0	0	285	0	0	0	0	0	285	0	0	285
404 MKT QUAL FRTS & VEGS	2	0.0	0.0	0	170	0	0	0	0	0	170	0	0	170
405 PROD FLD CROP IMP ACPT	5	0.0	0.0	0	336	0	0	0	0	0	336	0	0	336
406 NEW IMP FOOD FLD CROP	10	0.0	0.0	0	732	50	0	0	0	0	782	0	0	782
407 NEW IMP NON FOOD FC	14	0.0	0.0	0	796	587	0	0	0	0	1382	0	0	1382
408 MKT QUAL FIELD CROPS	1	0.0	0.0	0	155	0	0	0	0	0	155	0	0	155
410 IMP MEAT MILK EGG PR	9	0.0	0.0	0	421	0	0	0	0	0	421	0	0	421
411 IMP NON FOOD ANML PR	4	0.0	0.0	0	518	0	0	0	0	0	518	0	0	518
SUBTOTAL		0.0	0.0	0	4809	1789	0	0	0	0	6398	0	0	6398
SERIES 500														
502 MKTG TIMBER PRODUCTS	1	0.0	0.0	0	75	0	0	0	0	0	75	0	0	75
503 MKTG EFF AGRI PRODS	1	0.0	0.0	0	53	0	0	0	0	0	53	0	0	53
508 SPLY DEMAND AND PRIC	1	0.0	0.0	0	20	0	0	0	0	0	20	0	0	20
512 IMP GRADES FRST PROD	1	0.0	0.0	0	0	120	0	0	0	0	120	0	0	120
SUBTOTAL		0.0	0.0	0	148	120	0	0	0	0	268	0	0	268
SERIES 600														
601 FGN MKT DEVELP	18	0.0	0.0	0	1313	36	0	0	0	0	1349	0	0	1349
SUBTOTAL		0.0	0.0	0	1313	36	0	0	0	0	1349	0	0	1349
SERIES 700														
702 FOOD PROT FROM TOX	19	0.0	0.0	0	1643	736	0	0	0	0	2379	0	0	2379
703 FOOD CONSUMP HABITS	1	0.0	0.0	0	41	0	0	0	0	0	41	0	0	41
708 HUMAN NUTRITION	28	0.0	0.0	0	2295	1389	0	0	0	0	3684	0	0	3684
SUBTOTAL		0.0	0.0	0	3979	2105	0	0	0	0	6085	0	0	6085
SERIES 800														
801 RURAL HOUSING	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
802 INDIV & FAM DEC MAKING	2	0.0	0.0	0	147	0	0	0	0	0	147	0	0	147
803 RURAL POVERTY	2	0.0	0.0	0	75	0	0	0	0	0	75	0	0	75
804 ECON POTENT RURL PEO	3	0.0	0.0	0	243	36	0	0	0	0	278	0	0	278
806 ADJUSTMENT TO CHANGE	1	0.0	0.0	0	83	0	0	0	0	0	83	0	0	83
807 AGRIC ECONOMIC CHANGE	3	0.0	0.0	0	188	83	0	0	0	0	271	0	0	271
808 GOVT PROGRAMS	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
SUBTOTAL		0.0	0.0	0	716	218	0	0	0	0	934	0	0	934
SERIES 900														
901 ALLEV POLLUTION	30	0.0	0.0	0	2042	1526	0	0	0	0	3567	0	0	3567
903 MULTI USE FOREST POTEN	1	0.0	0.0	0	0	25	0	0	0	0	25	0	0	25
904 WLDLFE AND FISH ECOL	5	0.0	0.0	0	175	292	0	0	0	0	467	0	0	467
908 ORNAMENT & TURF DEV	1	0.0	0.0	0	1	0	0	0	0	0	1	0	0	1
907 RURAL INCOME IMP	3	0.0	0.0	0	216	101	0	0	0	0	317	0	0	317
908 RURAL INSTITUT IMP	4	0.0	0.0	0	444	419	0	0	0	0	884	0	0	884
SUBTOTAL		0.0	0.0	0	2878	2364	0	0	0	0	5242	0	0	5242
SCIENCE IN SERV OF MAN														
GRAND TOTAL		0.0	0.0	0	55317	35275	0	0	0	0	90592	0	0	90592

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FO 01S	SP FO 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	10	25.5	0.0	5773	0	0	0	0	0	0	5773	0	0	5773
0200 WATER	7	15.8	0.0	3828	0	0	0	0	0	0	3828	0	0	3828
0400 AIR AND CLIMATE	1	0.8	0.0	83	0	0	0	0	0	0	83	0	0	83
0800 WILDLIFE AND FISH	2	3.2	0.0	528	0	0	0	0	0	137	665	25	18	708
0800 CITRUS SUB TROP FRUT	1	1.4	0.0	138	0	0	0	0	0	33	171	0	0	171
1000 FRUIT NUTS DECIDUOUS	1	1.4	0.0	138	0	0	0	0	0	33	171	0	0	171
1100 POTATOES	1	3.3	0.0	395	0	0	0	0	0	17	412	0	0	412
1200 VEGETABLES	2	1.8	0.0	292	0	0	0	0	0	4	296	0	0	296
1300 ORNAMENTALS TURF	1	0.7	0.0	69	0	0	0	0	0	19	88	0	0	88
1400 CORN	8	5.7	0.0	812	0	0	0	0	0	0	812	4	20	836
1800 GRAIN SORGHUM	3	2.3	0.0	311	0	0	0	0	0	0	311	3	13	328
1800 RICE	5	2.7	0.0	344	0	0	0	0	0	0	344	3	13	358
1700 WHEAT	5	5.1	0.0	828	0	0	0	0	0	0	828	8	33	868
1800 OTHER SMALL GRAINS	3	1.4	0.0	185	0	0	0	0	0	0	188	3	13	212
1800 PASTURE	1	0.3	0.0	58	0	0	0	0	0	0	58	0	0	58
2000 FORAGE CROPS	2	1.0	0.0	124	0	0	0	0	0	0	124	3	13	140
2100 COTTON	6	8.7	0.0	853	0	0	0	0	0	0	853	3	13	868
2200 COTTONSEED	2	1.1	0.0	138	0	0	0	0	0	0	135	0	0	138
2300 SOYBEANS	6	5.2	0.0	723	0	0	0	0	0	0	723	3	13	738
2400 PEANUTS	2	1.2	0.0	154	0	0	0	0	0	0	154	0	0	154
2500 OTHER OILSEED CROPS	4	2.1	0.0	310	0	0	0	0	0	0	310	0	0	310
2800 TOBACCO	1	3.2	0.0	483	0	0	0	0	0	0	483	0	0	483
2700 SUGAR CROPS	2	4.7	0.0	873	0	0	0	0	0	0	873	0	0	873
2800 MISC NEW CROPS	1	3.0	0.0	545	0	0	0	0	0	285	503	48	33	881
2900 POULTRY	3	4.0	0.0	584	0	0	0	0	0	0	584	0	0	584
3000 BEEF CATTLE	4	9.9	0.0	1103	0	0	0	0	0	0	1103	0	0	1103
3100 DAIRY CATTLE	4	7.1	0.0	1028	0	0	0	0	0	0	1028	0	11	1040
3200 SWINE	2	4.7	0.0	857	0	0	0	0	0	0	857	0	0	857
3300 SHEEP AND WOOL	2	1.8	0.0	211	0	0	0	0	0	0	211	0	0	211
3500 BEES AND HONEY	1	0.8	0.0	75	0	0	0	0	0	0	75	0	0	75
3600 FARM SUPP & FACILITS	1	0.5	0.0	78	0	0	0	0	0	0	78	0	0	78
3900 FOOD	7	20.0	0.0	3070	0	0	0	0	0	0	3070	0	0	3070
4000 PEOPLE AS INDIVIDUALS	4	5.2	0.0	811	0	0	0	0	0	58	870	30	0	1000
4100 FAMILY MEMBERS	1	1.5	0.0	281	0	0	0	0	0	11	292	0	0	292
4200 FARM AS BUSINESS	2	1.8	0.0	551	0	0	0	0	0	0	851	0	0	551
4300 SOC POLIT ORGANIZ	7	20.8	0.0	3288	0	0	0	0	0	84	3331	51	0	3382
4400 AGRIC ECONOMY U S	20	58.5	0.0	8428	0	0	0	0	0	0	8428	48	0	8478
4500 AGRIC ECONOMY FORGN	24	78.2	0.0	12824	0	0	0	0	0	0	12824	0	0	12824
4800 MARKETING SYSTEMS	4	15.8	0.0	3814	0	0	0	0	0	0	3514	0	0	3514
8200 SEED RESEARCH	1	0.8	0.0	54	0	0	0	0	0	0	54	0	0	54
8400 EXP DESIGN/STAT METHOD	7	8.1	0.0	851	0	0	0	0	0	0	851	0	0	851
8700 PLANTS	2	7.0	0.0	1214	0	0	0	0	0	0	1214	0	0	1214
8900 RESEARCH ON RSCH MGMT	1	2.4	0.0	350	0	0	0	0	0	0	350	0	0	350
TOTAL		341.0	0.0	57983	0	0	0	0	0	828	58822	228	181	59038

TABLE III-C SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FO 01S	SP FO 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
102 SOIL PLNT WTR NUTRI	2	4.1	0.0	2780	0	0	0	0	0	0	2780	0	0	2780
104 ALTERN USE OF LAND	7	24.5	0.0	4810	0	0	0	0	0	0	4810	0	0	4810
105 CONSERV USE OF WATER	2	2.5	0.0	385	0	0	0	0	0	0	385	0	0	385
106 ECON LEG PROB OF WAT	1	2.7	0.0	384	0	0	0	0	0	0	384	0	0	384
108 WEATHER ADAPT & MOD	2	6.3	0.0	810	0	0	0	0	0	0	810	0	0	810
114 RSCH ON MGMT OF RSCH	1	2.4	0.0	350	0	0	0	0	0	0	350	0	0	350
SUBTOTAL		42.8	0.0	8908	0	0	0	0	0	0	8908	0	0	8908
SERIES 300														
314 BEES OTH POLLNTNG INS	1	0.8	0.0	75	0	0	0	0	0	0	75	0	0	75
318 FARM BUSINESS MGMT	2	1.1	0.0	315	0	0	0	0	0	0	315	0	0	315
SUBTOTAL		1.7	0.0	381	0	0	0	0	0	0	381	0	0	381
SERIES 500														
503 MKTG EFF AGRI PROCS	7	10.3	0.0	1484	0	0	0	0	0	238	1703	35	25	1784
505 SPLY DEMAND AND PRIC	25	80.4	0.0	8528	0	0	0	0	0	238	8088	43	84	8173
507 COMP REL IN AGRIC	3	5.4	0.0	549	0	0	0	0	0	0	849	0	5	858
508 PERFORMANCE MKTG SYS	8	28.8	0.0	3953	0	0	0	0	0	0	3953	18	98	4067
511 IMP AGRIC STATISTICS	7	8.1	0.0	851	0	0	0	0	0	0	851	0	0	851
SUBTOTAL		108.2	0.0	16073	0	0	0	0	0	478	16552	98	180	16831
SERIES 800														
801 FGN MKT DEVELP	27	84.8	0.0	14021	0	0	0	0	0	0	14021	0	0	14021
802 EVAL FGN FOOD AID PGM	3	3.1	0.0	808	0	0	0	0	0	0	505	0	0	508
804 PRO DVLPMT/MKTG FRGN	1	0.8	0.0	133	0	0	0	0	0	0	133	0	0	133
SUBTOTAL		88.8	0.0	14982	0	0	0	0	0	0	14982	0	0	14982
SERIES 700														
701 TOX RES IN FOOD	4	8.7	0.0	1214	0	0	0	0	0	0	1214	0	0	1214
702 FOOD PROT FROM TOX	2	1.8	0.0	283	0	0	0	0	0	0	283	0	0	283
703 FOOD CONSUMP HABITS	5	8.1	0.0	1345	0	0	0	0	0	0	1348	0	0	1348
707 TRANS ANIML MAN DIS	1	0.5	0.0	117	0	0	0	0	0	0	117	0	0	117
708 HUMAN NUTRITION	1	2.4	0.0	348	0	0	0	0	0	0	348	0	0	348
SUBTOTAL		20.3	0.0	3321	0	0	0	0	0	0	3321	0	0	3321
SERIES 900														
902 INDIV & FAM DEC MAKING	1	0.8	0.0	128	0	0	0	0	0	5	131	0	0	133
904 ECON POTENT RURL PEO	3	8.8	0.0	1613	0	0	0	0	0	107	1721	80	0	1751
908 ADJUSTMENT TO CHANGE	1	1.5	0.0	251	0	0	0	0	0	11	262	0	0	28
907 AGRIC ECONOMIC CHANGE	13	30.0	0.0	8325	0	0	0	0	0	0	8325	24	0	834
905 GOVT PROGRAMS	8	18.1	0.0	2800	0	0	0	0	0	0	2800	24	0	282
SUBTOTAL		58.2	0.0	10815	0	0	0	0	0	123	11035	108	0	1114
SERIES 900														
901 ALLEV POLLUTION	2	3.2	0.0	487	0	0	0	0	0	0	487	0	0	48
904 WLDLFE AND FISH ECOL	1	1.8	0.0	234	0	0	0	0	0	0	234	0	0	23
908 ORNAMENT & TURF DEV	1	0.7	0.0	69	0	0	0	0	0	19	88	0	0	5
907 RURAL INCOME IMP	2	4.8	0.0	702	0	0	0	0	0	0	702	0	0	70
905 RURAL INSTITUT IMP	4	8.5	0.0	1550	0	0	0	0	0	11	1581	21	0	185
SUBTOTAL		18.8	0.0	3022	0	0	0	0	0	27	3050	21	0	307
SCIENCE IN SERV OF MAN														
GRAND TOTAL		341.0	0.0	57983	0	0	0	0	0	828	58822	228	180	5903

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	40	44.8	78.4	8484	0	0	0	0	3282	0	11758	585	19	12337
0200 WATER	23	20.1	31.8	4212	0	0	0	0	511	0	4723	403	8	5131
0300 WATERSHEDS RIVER BAS	32	33.8	70.8	8078	0	0	0	0	1845	0	9721	573	113	10408
0400 AIR AND CLIMATE	8	8.1	11.8	1788	0	0	0	0	210	0	1988	74	0	2073
0500 RECREATION RESOURCES	21	32.1	27.8	4890	0	0	0	0	888	0	5388	488	87	5923
0600 TIMBER FORST PRODUCT	434	538.3	922.8	113888	0	0	0	0	10843	0	124840	10253	1800	138492
0700 RANGE	28	20.4	27.5	4044	0	0	0	0	254	0	4298	550	8	4855
0800 WILDLIFE AND FISH	58	53.5	120.8	11851	0	0	0	0	1284	0	13245	1187	37	14448
3800 HOUSING & EQUIP	2	1.8	1.5	192	0	0	0	0	10	0	202	8	0	208
4000 PEOPLE AS INDIVIDUALS	5	2.1	3.7	305	0	0	0	0	270	0	575	74	0	648
4100 FAMILY MEMBERS	2	1.7	3.8	488	0	0	0	0	0	0	488	0	0	488
4300 SOC POLIT ORGANIZ	3	2.3	4.8	238	0	0	0	0	187	0	385	28	0	424
8100 WEEDS	1	0.5	0.3	35	0	0	0	0	0	0	35	0	0	35
8200 SEED RESEARCH	1	0.7	1.2	178	0	0	0	0	4	0	183	2	0	185
8300 BIO CELL SYSTEMS	1	0.4	0.8	111	0	0	0	0	0	0	111	0	0	111
8400 EXP DESIGN/STAT METHOD	2	3.0	1.0	388	0	0	0	0	0	0	388	0	0	388
8500 INVERTEBRATES	8	8.8	14.7	1548	0	0	0	0	110	0	1658	10	0	1887
8800 MICROORGANISMS VIRUSES	5	2.2	2.3	400	0	0	0	0	0	0	400	57	0	458
8700 PLANTS	3	2.8	2.2	281	0	0	0	0	200	0	481	102	10	594
8800 RESEARCH ON RSCH MGMT	1	0.8	1.8	188	0	0	0	0	14	0	202	0	0	202
7000 RSCH EQUIP & TECHNOLOG	7	4.8	7.3	827	0	0	0	0	373	0	1200	37	0	1237
TOTAL		780.7	1337.4	182388	0	0	0	0	18857	0	182045	14371	1858	188272

TABLE III-C SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF-YEARS I.H. SYS	STAFF-YEARS SUPPORT OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
102 SOIL PLNT WTR NUTRI	42	33.2	58.8	8158	0	0	0	0	1827	0	7882	284	28	8282
104 ALTERN USE OF LAND	2	1.0	5.8	544	0	0	0	0	1173	0	1717	0	0	1717
105 CONSERV USE OF WATER	1	0.8	0.7	113	0	0	0	0	5	0	118	0	5	123
107 WATERSHED PROT & MGMT	48	58.4	101.7	12737	0	0	0	0	1583	0	14321	1053	128	15500
108 WEATHER ADAPT & MOD	14	8.2	8.4	3201	0	0	0	0	635	0	3838	38	0	3872
110 APPRAIS FORST & RANGS	33	58.8	248.3	18073	0	0	0	0	1337	0	20410	3705	171	24287
111 BIOL CULT MGMT FORSTS	143	188.5	255.8	25852	0	0	0	0	3933	0	29485	2278	483	32228
112 IMPROV RANGE RESOR	10	9.4	10.1	1587	0	0	0	0	83	0	1830	240	2	1872
113 REMOTE SENSING	8	11.0	34.2	2288	0	0	0	0	581	0	2878	75	30	2881
114 RSCH ON MGMT OF RSCH	1	0.8	1.8	188	0	0	0	0	14	0	202	0	0	202
SUBTOTAL		338.8	724.5	71725	0	0	0	0	10852	0	82577	7871	823	91071
SERIES 200														
201 CNTRL FORST INSECTS	81	70.0	82.2	13320	0	0	0	0	1428	0	14748	854	8	15712
202 CONTROL FOREST DIS	48	34.4	53.4	7088	0	0	0	0	240	0	7308	227	18	7551
203 FOREST FIRE PROTECT	23	29.8	52.0	4512	0	0	0	0	1082	0	5574	783	10	6387
208 CNTR WEEDS FLO CROPS	2	1.1	0.8	102	0	0	0	0	0	0	102	21	2	125
214 PROTECT FROM POLLUTION	7	19.5	24.0	7338	0	0	0	0	848	0	8185	177	188	8528
SUBTOTAL		154.8	212.8	32338	0	0	0	0	3577	0	35815	2161	205	38282
SERIES 300														
301 GENET BREED FORST TRE	20	18.2	15.1	4158	0	0	0	0	288	0	4458	137	28	4821
302 IMP FOREST ENG SYS	12	14.3	27.2	2838	0	0	0	0	222	0	2858	70	20	2948
303 ECON TIMBER PRODUCTN	14	17.4	13.3	2470	0	0	0	0	275	0	2745	802	0	3348
318 NON COM BIO TECH/BIMET	4	4.7	3.9	1002	0	0	0	0	75	0	1077	55	7	1138
SUBTOTAL		52.8	59.8	10287	0	0	0	0	888	0	11138	884	55	12084
SERIES 400														
401 NEW IMP FOREST PROD	74	75.8	94.8	18352	0	0	0	0	753	0	18105	832	821	20558
SUBTOTAL		75.8	84.8	18352	0	0	0	0	753	0	18105	832	821	20558
SERIES 500														
502 MKTG TIMBER PRODUCTS	8	10.5	11.7	1880	0	0	0	0	258	0	2218	238	0	2458
508 PERFORMANCE MKTG SYS	1	0.1	0.1	7	0	0	0	0	0	0	7	0	0	7
511 IMP AGRIC STATISTICS	2	3.0	1.0	388	0	0	0	0	0	0	388	0	0	388
512 IMP GRADES FRST PROD	3	4.0	0.5	773	0	0	0	0	0	0	773	30	43	846
513 PRICE ANAL FRST PROD	8	8.8	8.8	1271	0	0	0	0	23	0	1283	15	0	1308
SUBTOTAL		28.2	23.1	4377	0	0	0	0	281	0	4857	282	44	4883
SERIES 600														
603 TECH AID DEV CRTY	8	3.7	4.4	857	0	0	0	0	285	0	1123	352	0	1474
SUBTOTAL		3.7	4.4	857	0	0	0	0	285	0	1123	352	0	1474
SERIES 700														
708 CONTR INSECTS AFF MAN	3	4.8	14.0	858	0	0	0	0	118	0	778	0	0	778
708 REDUCE HAZ HLTH & SFTY	5	2.1	3.7	305	0	0	0	0	270	0	575	74	0	649
SUBTOTAL		7.0	17.7	884	0	0	0	0	388	0	1353	74	0	1427
SERIES 800														
801 RURAL HOUSING	2	1.7	3.8	488	0	0	0	0	0	0	488	0	0	488
SUBTOTAL		1.7	3.8	488	0	0	0	0	0	0	488	0	0	488
SERIES 900														
801 ALLEV POLLUTION	18	18.4	27.0	3258	0	0	0	0	220	0	3478	383	8	3842
802 OUTDOOR RECREATION	18	24.2	11.0	3832	0	0	0	0	878	0	4308	107	0	4414
803 MULTI USE FOREST POTEN	22	23.1	35.8	4184	0	0	0	0	178	0	4373	417	83	4873
804 WLDLFE AND FISH ECOL	50	50.4	117.4	11480	0	0	0	0	1208	0	12888	1170	18	13852
805 TREES BEAUTIFICATION	4	2.8	1.2	288	0	0	0	0	233	0	488	50	0	548
807 RURAL INCOME IMP	3	2.3	4.8	238	0	0	0	0	187	0	385	28	0	424
SUBTOTAL		118.0	187.3	23038	0	0	0	0	2871	0	25710	2135	108	27854
SCIENCE IN SERV OF MAN														
GRAND TOTAL		780.7	1337.4	182388	0	0	0	0	18857	0	182045	14371	1858	188272

TABLE III-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
0100 SOIL AND LAND	4	0.0	0.0	0	0	288	0	0	0	0	288	0	0	288
0200 WATER	3	0.0	0.0	0	0	150	0	0	0	0	150	0	0	150
0400 AIR AND CLIMATE	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
0800 TIMBER FORST PRODUCT	7	0.0	0.0	0	0	474	0	0	0	0	474	0	0	474
0800 WILDLIFE AND FISH	10	0.0	0.0	0	0	813	0	0	0	0	813	0	0	813
1000 FRUIT NUTS DECIDUOUS	2	0.0	0.0	0	0	100	0	0	0	0	100	0	0	100
1100 POTATOES	1	0.0	0.0	0	0	225	0	0	0	0	225	0	0	225
1200 VEGETABLES	2	0.0	0.0	0	0	75	0	0	0	0	75	0	0	75
1300 ORNAMENTALS TURF	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
1400 CORN	2	0.0	0.0	0	0	270	0	0	0	0	270	0	0	270
1700 WHEAT	1	0.0	0.0	0	0	25	0	0	0	0	25	0	0	25
2000 FORAGE CROPS	1	0.0	0.0	0	0	35	0	0	0	0	35	0	0	35
2500 OTHER OILSEED CROPS	2	0.0	0.0	0	0	100	0	0	0	0	100	0	0	100
2700 SUGAR CROPS	1	0.0	0.0	0	0	25	0	0	0	0	25	0	0	25
2800 MISC NEW CROPS	2	0.0	0.0	0	0	138	0	0	0	0	138	0	0	138
2900 POULTRY	4	0.0	0.0	0	0	508	0	0	0	0	508	0	0	508
3100 DAIRY CATTLE	4	0.0	0.0	0	0	389	0	0	0	0	389	0	0	389
3200 SWINE	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
3300 SHEEP AND WOOL	1	0.0	0.0	0	0	90	0	0	0	0	90	0	0	90
3800 FOOD	8	0.0	0.0	0	0	923	0	0	0	0	823	0	0	823
4000 PEOPLE AS INDIVIDUALS	4	0.0	0.0	0	0	137	0	0	0	0	137	0	0	137
4100 FAMILY MEMBERS	1	0.0	0.0	0	0	230	0	0	0	0	230	0	0	230
4300 SOC POLIT ORGANIZ	5	0.0	0.0	0	0	580	0	0	0	0	580	0	0	580
8500 INVERTEBRATES	3	0.0	0.0	0	0	114	0	0	0	0	114	0	0	114
8800 MICROORGANISMS VIRUSES	3	0.0	0.0	0	0	255	0	0	0	0	255	0	0	255
8700 PLANTS	7	0.0	0.0	0	0	700	0	0	0	0	700	0	0	700
8800 ANIMALS(VERTEBRATES)	1	0.0	0.0	0	0	10	0	0	0	0	10	0	0	10
7000 RSCH EQUIP & TECHNOLOG	3	0.0	0.0	0	0	485	0	0	0	0	485	0	0	485
TOTAL		0.0	0.0	0	0	8927	0	0	0	0	8927	0	0	8927

TABLE III-C SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	STAFF I.H. SYS	STAFF SUPPORT YEARS OTHER	REG IN HOUSE	C G SAES	CA OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
SERIES 100														
102 SOIL PLNT WTR NUTRI	3	0.0	0.0	0	0	238	0	0	0	0	238	0	0	238
105 CONSERV USE OF WATER	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
108 DRAIN AND IRRIGATION	2	0.0	0.0	0	0	100	0	0	0	0	100	0	0	100
113 REMOTE SENSING	3	0.0	0.0	0	0	315	0	0	0	0	315	0	0	315
SUBTOTAL		0.0	0.0	0	0	701	0	0	0	0	701	0	0	701
SERIES 200														
201 CNTRL FORST INSECTS	1	0.0	0.0	0	0	5	0	0	0	0	5	0	0	5
202 CONTROL FOREST DIS	1	0.0	0.0	0	0	220	0	0	0	0	220	0	0	220
204 CNTR PESTS FRT & VEGS	5	0.0	0.0	0	0	200	0	0	0	0	200	0	0	200
207 CNTR PESTS FLD CROPS	5	0.0	0.0	0	0	200	0	0	0	0	200	0	0	200
208 CNTR DIS FIELD CROPS	1	0.0	0.0	0	0	220	0	0	0	0	220	0	0	220
208 CNTR WEEDS FLD CROPS	1	0.0	0.0	0	0	25	0	0	0	0	25	0	0	25
211 CONTR DIS ANIMALS	3	0.0	0.0	0	0	150	0	0	0	0	150	0	0	150
213 PROT ANMLS FROM TOXINS	1	0.0	0.0	0	0	10	0	0	0	0	10	0	0	10
214 PROTECT FROM POLLUTION	1	0.0	0.0	0	0	200	0	0	0	0	200	0	0	200
SUBTOTAL		0.0	0.0	0	0	1229	0	0	0	0	1229	0	0	1229
SERIES 300														
304 IMP BIO EFF FRT & VEGS	2	0.0	0.0	0	0	75	0	0	0	0	75	0	0	75
305 MECH PROD FRT & VEGS	1	0.0	0.0	0	0	225	0	0	0	0	225	0	0	225
308 MECH PROD FIELD CROPS	2	0.0	0.0	0	0	85	0	0	0	0	85	0	0	85
310 ANIMAL REPRODUCTION	6	0.0	0.0	0	0	742	0	0	0	0	742	0	0	742
311 IMP BIO EFF ANML PR	8	0.0	0.0	0	0	741	0	0	0	0	741	0	0	741
313 PROD MGMT SYS ANML PR	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
316 NON COM BIO TECH/BIMET	3	0.0	0.0	0	0	110	0	0	0	0	110	0	0	110
SUBTOTAL		0.0	0.0	0	0	2028	0	0	0	0	2028	0	0	2028
SERIES 400														
401 NEW IMP FOREST PROD	8	0.0	0.0	0	0	384	0	0	0	0	384	0	0	384
402 PROD F & V IMP ACCEPT	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
403 NEW & IMP F & V PROD	2	0.0	0.0	0	0	98	0	0	0	0	98	0	0	98
404 MKT QUAL FRTS & VEGS	2	0.0	0.0	0	0	278	0	0	0	0	278	0	0	278
408 NEW IMP FOOD FLD CROP	2	0.0	0.0	0	0	88	0	0	0	0	88	0	0	88
407 NEW IMP NON FOOD FC	8	0.0	0.0	0	0	808	0	0	0	0	808	0	0	808
408 MKT QUAL FIELD CROPS	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
409 PROD ANML PR IMP ACCP	1	0.0	0.0	0	0	48	0	0	0	0	48	0	0	48
411 IMP NON FOOD ANML PR	1	0.0	0.0	0	0	49	0	0	0	0	48	0	0	48
SUBTOTAL		0.0	0.0	0	0	1842	0	0	0	0	1842	0	0	1842
SERIES 700														
701 TOX RES IN FOOD	2	0.0	0.0	0	0	100	0	0	0	0	100	0	0	100
702 FOOD PROT FROM TOX	1	0.0	0.0	0	0	200	0	0	0	0	200	0	0	200
SUBTOTAL		0.0	0.0	0	0	300	0	0	0	0	300	0	0	300
SERIES 800														
801 RURAL HOUSING	1	0.0	0.0	0	0	230	0	0	0	0	230	0	0	230
SUBTOTAL		0.0	0.0	0	0	230	0	0	0	0	230	0	0	230
SERIES 900														
901 ALLEV POLLUTION	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
908 ORNAMENT & TURF DEV	1	0.0	0.0	0	0	50	0	0	0	0	50	0	0	50
907 RURAL INCOME IMP	8	0.0	0.0	0	0	397	0	0	0	0	397	0	0	397
908 RURAL INSTITUT IMP	3	0.0	0.0	0	0	300	0	0	0	0	300	0	0	300
SUBTOTAL		0.0	0.0	0	0	797	0	0	0	0	797	0	0	797
SCIENCE IN SERV OF MAN														
GRAND TOTAL		0.0	0.0	0	0	8927	0	0	0	0	8927	0	0	8927

TABLE III-E SUMMARY BY AGENCY OF 1863 FUNDS BY SOURCE
-- IN THOUSANDS OF DOLLARS

CLASSIFICATION AGENCY	NO OF PROJ	STAFF YEARS I.H. SYS	STAFF YEARS SUPPORT OTHER	REG IN HOUSE	C G CA SAES	OTHER CN GT	SP FD 015	SP FD 010	FORST SERV	OTHER USDA	TOTAL USDA APPR	OTHER FED FUND	NON-FED FUND	TOTAL
AGRICULTURAL COOP SERVICE	10	18.8	2.4	3221	0	134	0	0	0	0	3355	0	0	3355
AGRICULTURAL RESEARCH SER	2437	2152.7	4853.4	585504	18110	28180	0	0	0	0	535184	5124	4982	545010
COMPETITIVE GRANTS PROG	781	0.0	0.0	0	55317	35275	0	0	0	0	90592	0	0	90592
CSRS SPECIAL GRANTS	808	0.0	0.0	0	55036	13322	0	0	0	0	68358	0	0	68358
ECONOMIC RESEARCH SERVICE	87	341.0	0.0	57553	0	0	0	0	0	528	58822	228	181	59035
U S FOREST SERVICE	583	780.7	1337.4	192388	0	0	0	0	19657	0	152045	14371	1855	168272
SMALL BUSINESS INNOV GRNT	74	0.0	0.0	0	0	8927	0	0	0	0	8927	0	0	8927
TOTAL	4541	3291.3	8023.2	510508	180464	84835	0	0	19657	528	1076084	23720	9736	1108553

TABLE IV-B SUMMARY BY COMMODITY OF 1863 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS SYS	OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	1273	324.0	1200.8	7854	454	3838	1028	837	0	57	14050	3726	11187	38628	2866	8126	8881	87901
0200 WATER	525	218.5	763.0	4552	255	3760	581	124	0	82	8350	2818	8104	27468	1710	3158	4886	58553
0300 WATERSHEDS RIVER BAS	228	50.0	170.8	703	234	415	82	232	0	1	1871	1488	2308	8381	337	488	2113	14787
0400 AIR AND CLIMATE	135	47.0	184.8	1112	58	425	34	0	0	818	2453	358	3209	5780	335	320	800	13038
0500 RECREATION RESOURCES	131	40.4	108.8	378	385	78	0	0	0	128	847	1078	1624	3812	508	177	1252	8388
0600 TIMBER FORST PRODUCT	1430	548.8	1778.3	2933	13868	3052	3742	303	0	313	23742	11880	11010	68858	6390	10855	10937	141183
0700 RANGE	273	88.8	273.3	1442	380	481	83	88	7	45	2505	1223	4281	11288	2574	578	1154	23821
0800 WILDLIFE AND FISH	885	317.1	1208.4	3428	1342	7201	1283	1520	248	188	15188	3577	17004	35308	1310	3884	12280	88541
0900 CITRUS SUB TROP FRUT	257	104.7	324.8	1571	0	882	188	41	0	0	2782	842	787	18885	308	1555	1583	24851
1000 FRUIT NUTS DECIDUOUS	821	278.4	1200.8	7885	18	2721	287	711	0	0	11410	1888	2178	48422	2208	6348	4077	74538
1100 POTATOES	318	82.1	407.1	2508	0	2012	428	0	0	88	5037	1585	1481	12244	780	1818	1482	24445
1200 VEGETABLES	1330	435.8	1775.2	12318	0	3885	3134	2818	0	0	22157	2475	5882	81218	2147	7885	6300	107853
1300 ORNAMENTALS TURF	551	202.1	674.1	5812	8	887	288	558	0	0	7475	435	1085	28228	784	4487	3885	46488
1400 CORN	805	188.8	808.1	5857	0	1440	2388	524	0	114	10331	1743	5312	28877	2848	7025	2847	58583
1500 GRAIN SORGHUM	233	48.3	202.0	883	0	310	120	87	4	0	1485	448	2388	8858	958	818	788	13708
1600 RICE	154	53.8	234.8	858	0	348	88	0	0	81	1185	738	1831	8711	371	1744	2474	15034
1700 WHEAT	715	188.8	882.3	4072	0	888	857	18	0	45	5854	2385	3148	24038	2515	2880	3884	44802
1800 OTHER SMALL GRAINS	358	78.2	308.8	1873	0	528	388	0	0	0	2787	782	1274	11008	1281	2538	1511	21137
1900 PASTURE	121	20.0	80.0	888	12	48	0	77	0	0	1005	114	121	3014	425	195	184	5058
2000 FORAGE CROPS	874	182.2	888.1	8010	0	787	814	780	0	0	8180	2382	1881	25044	3410	2321	1938	44835
2100 COTTON	320	102.0	381.3	2288	0	724	284	0	0	5	3281	884	1355	14388	1147	3228	1370	25834
2200 COTTONSEED	10	1.8	4.4	11	0	78	0	0	0	0	87	4	18	308	8	47	10	484
2300 SOYBEANS	788	197.5	704.2	4884	0	1878	1455	1808	0	0	10224	829	2521	25887	1982	4891	3585	48878
2400 PEANUTS	155	45.4	184.7	881	0	181	0	192	0	0	1244	444	890	7178	412	574	1581	12328
2500 OTHER OILSEED CROPS	172	45.3	142.8	702	0	1008	307	750	0	141	2808	878	439	4302	434	812	488	10082
2600 TOBACCO	158	51.2	187.1	1188	0	0	330	0	0	0	1488	578	572	8848	400	858	1087	13820
2700 SUGAR CROPS	118	40.8	172.0	1180	0	124	21	0	0	0	1305	210	253	8102	188	1224	580	8872
2800 MISC NEW CROPS	187	55.3	238.8	1851	0	2870	0	283	0	470	5574	833	1757	8482	884	1285	832	17307
2900 POULTRY	888	242.8	885.2	8083	0	1848	1823	1004	574	88	12978	1018	2124	38520	3392	4270	3328	83832
3000 BEEF CATTLE	1288	388.4	1884.3	8718	8	2382	3738	840	1251	1	18032	2841	15819	84218	27041	8281	8884	142883
3100 DAIRY CATTLE	1092	308.3	1521.2	10810	0	1833	1758	354	1172	0	18028	1414	8179	51187	120981	2188	8424	105488
3200 SWINE	788	208.8	834.2	8218	0	748	3018	883	785	180	11820	783	3787	32821	7858	5307	2802	84888
3300 SHEEP AND WOOL	388	100.3	428.0	2808	0	322	930	388	287	0	4815	731	4025	15555	4501	1171	1883	32481
3400 OTHER ANIMALS	838	257.4	887.8	2214	0	1018	1483	3830	471	0	8817	814	20888	25014	2832	5232	8288	88884
3500 BEES AND HONEY	51	13.8	41.8	284	0	0	83	188	0	0	483	132	85	2018	77	184	203	3284
3600 FARM SUPP & FACILITS	88	18.8	58.7	835	0	34	0	0	0	0	888	83	244	2387	385	540	370	4858
3700 CLOTHING & TEXTILES	83	18.2	44.8	418	0	0	0	148	0	0	587	8	27	1875	53	307	235	3073
3800 FOOD	481	158.7	488.3	4008	0	1875	501	553	4	183	8834	2257	3832	18874	1072	8018	2132	41118
3900 HOUSING & EQUIP	133	38.1	105.0	813	105	188	0	0	0	75	1278	205	228	4888	318	523	811	8035
4000 PEOPLE AS INDIVIDUAL	817	188.3	588.4	3383	22	820	1088	2331	5	0	7430	284	8488	18298	434	1781	3080	38808
4100 FAMILY MEMBERS	248	72.8	233.3	1317	0	758	8	488	1	0	2588	53	4182	8158	1831	283	888	15871
4200 FARM AS BUSINESS	187	55.8	108.5	1887	0	438	8	224	0	0	2558	258	385	5488	178	298	294	9438
4300 SOC POLIT ORGANIZ	388	108.5	258.8	2388	78	1017	248	823	0	302	4853	871	4445	9788	435	1285	1812	22888
4400 AGRIC ECONOMY U S	158	54.7	148.2	1181	0	1481	101	128	0	48	2925	581	882	5578	88	838	878	11148
4500 AGRIC ECONOMY FORGN	57	18.8	78.8	328	0	880	0	0	0	1	1288	282	3188	2118	11	357	258	7487
4600 FARM COOPERATIVES	18	4.7	8.1	181	0	53	0	0	0	0	154	54	2	488	13	7	53	752
4700 OTH MARKET PROCESS	28	4.8	21.5	148	4	28	38	27	0	0	238	87	18	848	18	53	81	1118
4800 MARKETING SYSTEMS	77	22.1	54.8	581	0	218	0	338	0	0	1187	183	184	2181	23	212	48	3887
8100 WEEDS	184	41.4	135.0	1182	3	548	78	282	0	0	1988	231	381	5888	254	1018	1027	10884
8200 SEED RESEARCH	88	18.8	52.8	388	0	0	52	0	0	158	518	118	432	1833	584	218	173	3888
8388 BIO CELL SYSTEMS	278	183.8	488.7	1888	18	184	342	0	7	0	2352	288	15877	12828	858	2348	1858	34884
8488 EXP DESIGN/STAT METH	88	37.8	72.4	448	21	8	58	0	0	0	528	138	587	4874	183	188	317	5888
8588 INVERTEBRATES	528	184.7	587.8	3883	213	351	3481	74	14	7	7233	1828	8818	18848	477	2858	1535	41387
8688 MICROORGANISMS VIRUS	817	184.2	888.8	2817	82	388	7182	288	128	2	11818	488	8783	18318	348	2558	1582	44842
8788 PLANTS	875	388.1	1138.3	5825	81	3544	8483	284	0	228	15848	3872	13288	37788	1818	5733	3493	81214
8888 ANIMALS(VERTEBRATES)	588	258.3	851.4	2378	0	1278	1488	188	312	0	5827	578	18385	34185	3951	4331	3383	71381
8888 RESEARCH ON RSCH MGM	53	18.5	38.8	488	0	88	0	0	0	3038	3828	821	58	1348	128	182	92	8038
7888 RSCH EQUIP & TECHNOL	153	42.2	284.2	488	181	178	44	33	0	84	984	1943	7334	5247	318	872	1281	17818
9988 UNCLASSIFIED	1	8.8	8.3	8	8	8	8	8	0	8	8	8	8	14	4	8	8	28
TOTAL		7478.5	27638.4	180888	17888	82793	51837	25438	5231	6831	338958	88577	248972	985418	110025	148181	134788	2824821

TABLE IV-O SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INDUSTRY	OTHER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	208	67.2	204.1	1848	91	439	108	234	0	0	2412	898	1394	7080	423	1202	2883	18792
102 SOIL PLNT WTR NUTRI	820	281.0	1010.8	8839	1128	2200	1558	890	0	44	11852	2918	8808	33408	2729	8408	9358	98278
103 MGMT OF SALINE SOILS	81	14.2	88.1	381	18	32	177	187	0	0	753	188	218	2078	187	211	248	3888
104 ALTERN USE OF LAND	188	32.4	78.8	841	107	122	0	80	0	28	1188	344	868	3834	181	230	881	7081
105 CONSERV USE OF WATER	321	78.8	287.3	1905	128	873	88	188	0	0	2800	1181	3838	8817	1124	1223	1327	21818
106 DRAIN AND IRRIGATION	124	35.8	118.4	774	1	238	8	0	0	0	1017	822	881	5058	211	408	888	8888
107 WATERSHED PROT & MGM	231	58.7	210.3	888	287	884	20	144	0	1	2113	1782	2884	8874	372	888	1841	18388
108 ECON LEG PROB OF WAT	88	20.8	42.7	383	8	28	8	24	0	0	438	238	883	2088	108	134	183	3888
108 WEATHER ADAPT & MOD	183	53.0	183.8	1234	188	485	8	84	0	0	1803	882	5088	8788	418	378	384	14887
110 APPRAIS FORST & RANG	178	84.3	224.0	358	1081	18	80	0	0	30	1507	1284	3108	8142	381	301	1788	14480
111 BIOL CULT MGMT FORST	418	188.2	802.7	288	4817	38	881	0	0	0	8800	4818	8072	17723	2811	2872	3387	42078
112 IMPROV RANGE RESOR	173	50.1	180.0	807	283	238	70	88	8	0	1438	808	1330	7853	2270	288	308	13783
113 REMOTE SENSING	88	28.4	83.4	222	431	1	0	0	0	0	858	1048	1888	2728	78	185	832	7582
114 RSCH ON MGMT OF RSCH	52	18.4	38.8	482	0	88	0	0	0	3038	3818	821	50	1342	128	182	82	8031
SUBTOTAL			3222.0		8271		2874		8		37378		32885		11410		21118	
		825.7		18988		5432		1888		3138		18884		111228		13401		244088
SERIES 200																		
201 CNTRL FORST INSECTS	151	37.2	118.3	382	788	0	823	0	0	0	1741	1828	820	3758	248	524	485	8211
202 CONTROL FOREST DIS	114	38.8	87.8	848	811	38	247	184	0	0	1887	428	478	3808	174	438	308	7828
203 FOREST FIRE PROTECT	18	3.4	8.4	2	48	0	0	0	0	81	108	138	104	344	1	1	38	732
204 CNTR PESTS FRT & VEG	528	148.2	878.8	4178	0	1872	423	214	0	0	8888	1281	1887	21572	844	3482	2320	37888
205 CNTR OISE FRT & VEG	734	228.0	832.3	5841	18	2744	1483	141	0	0	10038	2388	2541	33848	881	4820	3281	57708
208 CNTR WEEDS FRT & VEG	174	37.7	142.8	1380	7	884	180	170	0	152	2882	178	331	5188	234	818	474	8778
207 CNTR PESTS FLD CROPS	588	187.7	734.0	8080	0	1338	838	430	0	88	7833	2301	4002	23488	1584	3780	2518	48488
208 CNTR DIS FIELD CROPS	708	228.8	788.4	8831	0	1080	1242	284	0	10	8238	2374	3483	28801	1388	5554	3787	83708
208 CNTR WEEDS FLD CROPS	352	114.5	427.8	3488	20	1110	238	340	0	12	5188	821	701	15343	1380	3872	2381	28783
210 CONTR PESTS ANIMALS	145	38.8	130.8	1187	0	574	0	0	217	0	1858	208	888	4882	212	708	324	8884
211 CONTR DIS ANIMALS	1271	580.3	2117.0	5343	0	1918	5888	100	3510	174	19808	2752	28744	79388	18578	11788	12404	187245
212 CNTR INTER PARASITES	118	38.8	118.1	880	0	317	108	188	278	0	1510	18	1493	4248	438	1105	848	8388
213 PROT ANMLS FROM TOXI	133	75.7	288.4	580	8	482	17	2	221	0	1270	318	7837	7228	2838	2801	2910	24887
214 PROTECT FROM POLLUTI	220	72.3	288.3	1324	88	783	482	18	4	123	2842	1850	7843	8080	312	1288	1318	23748
SUBTOTAL			8888.4		1874		11570		4231		88478		80804		28804		33107	
		1824.2		35312		12875		2018		888		18778		238732		40888		488882
SERIES 300																		
301 GENET BREED FORST TR	118	82.8	183.1	228	1488	81	483	107	0	114	2478	430	881	7878	1128	1272	874	14847
302 IMP FOREST ENG SYS	37	8.1	33.8	17	255	438	18	0	0	0	728	273	75	1351	130	87	183	2824
303 ECON TIMBER PRODUCTN	58	12.1	30.4	8	802	88	0	0	0	0	877	84	78	2417	151	171	148	3837
304 IMP BIO EFF FRT & VE	803	288.8	1310.7	8377	0	2118	2302	1808	0	0	14707	1827	4382	48258	2328	5718	3812	81822
305 MECH PROD FRT & VEGS	81	13.0	37.7	488	0	47	0	0	0	0	585	88	118	2034	88	185	121	3088
306 PROD MGMT SYS F & V	144	35.8	150.8	783	0	438	0	808	0	88	1884	288	177	4422	403	178	821	7888
307 IMP BIO EFF FLD CRP	1318	482.5	1957.4	11727	0	2181	5203	1882	0	354	21287	4382	10888	88828	8228	10188	8484	132173
308 MECH PROD FIELD CROP	88	25.7	87.3	785	0	18	0	0	0	0	773	215	870	3804	181	887	183	8223
308 PROD MGMT SYS FLD CR	384	88.7	314.2	2102	8	888	0	482	0	21	3580	881	435	13431	1814	1805	1178	23285
310 ANIMAL REPRODUCTION	581	201.4	873.4	7288	0	277	3558	1828	283	43	13288	787	8208	32833	8003	3708	2233	88140
311 IMP BIO EFF ANML PR	1141	413.4	2110.8	18408	0	1224	3928	3108	308	10	23882	1820	7284	73888	25028	8410	5778	148881
312 ENV STRESS IN ANML P	181	50.2	188.4	1882	0	41	228	108	88	0	2318	138	1823	7800	1881	778	432	14880
313 PROD MGMT SYS ANML P	281	87.8	278.7	2184	0	875	0	880	3	0	3842	233	113	11812	3811	888	878	21353
314 BEES OTH POLLNTNG IN	81	13.8	41.8	284	0	0	83	188	0	0	488	132	88	2018	77	184	203	3204
315 IMP STRUC FARM SUPP	87	28.1	77.8	828	0	2	0	0	0	0	827	80	82	3242	482	744	572	8180
316 FARM BUSINESS MGMT	135	41.8	84.7	1477	0	215	0	81	0	0	1784	258	272	4280	187	212	287	7238
317 MECH/STRUCTS ANML PR	28	7.0	18.8	171	0	0	0	0	0	0	171	0	4	818	180	48	88	1388
318 NON COM BIO TECH/BIM	1474	518.8	2008.4	7883	184	702	12478	188	32	0	21588	2815	47584	83784	2830	8574	5708	152888
SUBTOTAL			8818.3		2713		27887		880		114878		82758		58882		31887	
		2382.4		82023		8754		11122		807		14888		353788		44877		888827
SERIES 400																		
401 NEW IMP FOREST PROD	240	100.8	384.0	280	1844	1881	1444	0	0	108	5838	1144	778	14871	1084	3858	1414	28283
402 PROD F & V IMP ACCEP	251	85.8	183.8	1285	0	878	150	73	0	0	2088	187	388	8882	251	1581	885	14178
403 NEW & IMP F & V PROD	158	58.1	181.8	1204	0	178	287	71	0	88	1828	284	388	7248	224	1247	582	11803
404 MKT QUAL FRTS & VEGS	170	61.5	173.8	1354	0	538	12	100	0	0	2005	351	1148	7881	81	1558	785	13588
405 PROD FLD CROP IMP AC	287	82.8	387.5	2214	0	750	188	104	4	78	3318	1503	1328	13340	1282	2585	1781	25145
406 NEW IMP FOOD FLD CRO	182	53.8	208.7	1180	0	1581	282	121	0	174	3328	148	888	8424	422	2288	1178	14375
407 NEW IMP NON FOOD FC	137	38.8	158.8	804	0	2334	188	378	0	400	4081	342	585	5134	534	1287	588	12817
408 MKT QUAL FIELD CROPS	78	23.2	77.2	850	0	2	71	288	0	81	1082	181	1258	2788	88	877	438	8487
408 PROD ANML PR IMP ACC	180	84.7	257.8	2103	0	1538	18	70	0	0	3728	184	295	8138	2781	1858	718	18488
410 IMP MEAT MILK EGG PR	258	77.5	318.0	1758	0	815	37	281	15	0	2818	280	513	8714	888	3818	2573	18487
411 IMP NON FOOD ANML PR	22	4.3	13.2	134	0	58	0	17	0	0	207	14	53	537	2	172	171	1188
412 MKT QUAL ANIMAL PROD	70	17.8	80.1	582	0	0	0	0	1	0	853	128	488	2882	148	808	187	8303
SUBTOTAL			2387.8		1844		2802		21		30383		7780		7888		11122	
		837.8		13818		8887		1482		838		4742		87482		21408		170800
SERIES 500																		
501 IMP GRADES & STANDS	47	11.4	35.4	388	0	138	0	0	0	0	483	147	288	1134	74	188	270	2812
502 MKTG TIMBER PRODUCTS	31	5.8	22.8	21	108	142	0	0	0	0	288	148	28	882	8	113	88	1318
503 MKTG EFF AGRI PRODS	118	30.8	70.1	738	4	488	37	188	0	1	1432	288	302	3078	22	830	743	8483
508 SPLY DEMAND AND PRIC	188	48.1	112.7	1518	0	783	0	280	0	0	2538	383	284	4338	80	488	284	8374
507 COMP REL IN AGRIC	71	18.0	33.2	440	0	188	1	0	0	0	807	177	108	1730	50	87	137	2805
508 DOMESTIC MKT DEVELP	82	10.8	48.0	138	0	828	32	188	0	0	887	857	33	1342	12	278	478	3888
509 PERFORMANCE MKTG SYS	138	38.3	82.7	1270	0	471	37	283	0	0	2081	337	178	3748	54	248	288	8818
510 GROUP ACT MKT POWER	18	2.7	8.8	123	0	131	0	17	0	0	271	4	28	388	12	14	28	783
511 IMP AGRIC STATISTICS	38	8.2	17.8	158	24	83	28	0	0	0	271	71	88	708	27	84	182	1431
512 IMP GRADES FRST PROD	7	1.8	4.8	0	112	22	0	0	0	0	134	11	3	118	8	70	8	350
513 PRICE ANAL FRST PROD	30	4.8	13.8	7	172	0	0	0	0	0	178	148	20	453	8	38	127	872
SUBTOTAL			458.8		417		133		0		8283		1377		328		2822	
		178.8		4788		3010		824		1		2280		17708		2247		35817
SERIES 800																		
801 FGN MKT DEVELP	184	80.8	154.8	1384	45	2183	884	0	0	47	4184	788	3180	8827	88	878	880	18574
802 EVAL FGN FOOD AID PG	2	0.4	1.0	2	0	0	0	0	0	0	2	44	2	30	0	0	0	78
803 TECH AID DEV CRTY	40	11.5	77.1	83	1	8	0	0	0	0	73	108	7888	1228	33	484	888	10482
804 PRO DVLPMT/MKTG FRGN	42	10.1	23.7	72	0	134	88	0	0	0	284	130	81	1888	83	87	81	2281
SUBTOTAL			258.3		47		812		0		4522		10813		184		1811	
		82.8		1480		2325		0		47		1077		8771		1408		28384

TABLE IV-O SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	127	33.6	140.1	588	0	2384	0	85	85	13	3154	407	1494	3434	140	447	434	9511
702 FOOD PROT FROM TOX	210	70.5	248.1	1747	0	1565	940	483	44	0	4776	713	2854	8917	350	2695	886	21184
703 FOOD CONSUMP HABITS	150	37.3	69.0	1059	0	141	20	532	0	0	1753	282	554	3226	108	563	196	6682
704 HOME COMM FOOD SERV	24	4.9	10.1	153	0	0	43	0	0	0	196	4	4	534	2	71	83	864
705 SEL CARE CLOTH & TEX	62	15.3	33.6	304	0	0	0	88	0	0	392	6	23	1418	51	305	134	2332
708 CONTR INSECTS AFF MA	87	33.1	105.2	768	18	133	0	0	0	0	919	154	914	4480	105	594	437	7583
707 TRANS ANIML MAN DIS	38	13.6	40.2	245	0	0	0	0	5	0	250	4	1382	1163	88	205	133	3234
708 HUMAN NUTRITION	415	152.1	567.6	2783	0	988	2002	1888	0	11	7650	1880	10415	15457	296	3153	2158	41019
709 REDUCE HAZ HLTH & SF	70	20.0	48.2	280	2	1	0	41	0	0	335	70	867	2306	12	207	341	4138
SUBTOTAL			1262.3		20		3005		134		19427		18508		1180		4805	
		380.8		7916		5213		3115		24		3532		40914		8236		86589
SERIES 800																		
801 RURAL HOUSING	52	11.8	28.0	251	22	10	0	192	0	0	474	51	145	1210	65	91	101	2137
802 INDIV & FAM DEC MAKI	202	47.0	136.3	788	0	154	1	409	0	0	1351	108	788	4278	210	138	447	7317
803 RURAL POVERTY	23	6.1	24.7	77	8	77	0	223	0	0	385	0	11	484	4	5	208	1107
804 ECON POTENT RURL PEO	115	29.7	70.6	895	11	194	186	645	0	121	1853	173	895	2462	37	57	568	6071
805 COMMUNICAT EDUC PROC	141	43.8	142.6	348	24	178	0	500	0	0	1050	58	1068	5203	83	332	1028	8822
806 ADJUSTMENT TO CHANGE	162	58.2	144.4	1155	3	16	34	304	0	0	1512	87	3841	4873	1555	498	247	12561
807 AGRIC ECONOMIC CHANG	136	40.4	77.6	951	0	352	13	497	0	1	1814	113	177	3688	32	221	604	6656
808 GOVT PROGRAMS	63	20.2	57.4	438	6	912	0	0	0	45	1403	201	121	2385	22	124	153	4416
SUBTOTAL			880.2		78		234		0		9842		7045		2008		3384	
		257.4		4702		1892		2768		167		772		24810		1462		46123
SERIES 900																		
901 ALLEV POLLUTION	743	234.3	836.2	5068	103	5049	1640	132	14	944	12950	2107	7494	31067	1581	4027	6173	65398
902 OUTDOOR RECREATION	120	36.2	108.8	348	269	76	0	0	0	128	820	996	1616	4019	465	193	1105	6218
903 MULTI USE FOREST POT	121	36.3	98.0	160	966	8	0	0	0	0	1167	1306	1705	3102	392	262	1658	6581
904 WLDLFE AND FISH ECOL	705	284.0	1027.2	2618	928	5662	748	1267	134	157	11813	2874	14358	29728	1014	3244	10700	73728
905 TREES BEAUTIFICATION	86	23.0	72.9	455	80	4	0	275	0	0	815	117	51	3244	111	280	280	4888
906 ORNAMENT & TURF DEV	484	171.8	581.0	4928	5	659	245	245	0	0	6083	352	1086	24443	870	3798	3775	40188
907 RURAL INCOME IMP	125	25.1	48.5	802	25	438	172	104	0	127	1488	138	178	2314	83	106	800	4885
908 RURAL INSTITUT IMP	186	35.3	85.8	1040	25	426	30	98	0	53	1675	253	342	3237	223	165	727	6621
990 UNCLASSIFIED	1	0.0	0.3	0	0	0	6	0	0	0	6	0	0	14	4	0	0	25
SUBTOTAL			2856.7		2405		2841		148		36797		28811		4523		25016	
		828.8		15548		12324		2122		1408		8142		101169		12076		214532
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			27938.4		17669		51937		5231		330956		248672		110025		134766	
		7479.5		180989		82793		25430		8931		88577		985418		146101		2024821

TABLE IV-B SUMMARY BY COMMODITY OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	181	48.8	187.2	1480	104	798	118	0	0	1	2470	255	1122	5698	78	747	1388	11758
0200 WATER	142	35.7	127.3	801	121	261	48	0	0	0	1260	147	1224	3818	27	255	891	7823
0300 WATERSHEDS RIVER BAS	30	10.7	27.1	143	8	0	0	0	0	1	152	29	890	1595	0	24	288	3047
0400 AIR AND CLIMATE	23	12.0	47.0	185	22	0	0	0	0	0	217	37	701	1820	63	38	184	3058
0500 RECREATION RESOURCES	20	9.0	17.2	114	98	44	0	0	0	0	257	147	173	511	12	31	108	1238
0600 TIMBER FORST PRODUCT	283	117.3	302.0	695	2431	73	628	42	0	0	3840	1438	1551	15239	257	2085	1432	25839
0700 RANGE	1	0.2	0.0	3	0	0	0	0	0	0	3	0	0	9	0	0	0	12
0800 WILDLIFE AND FISH	180	54.4	286.4	1050	470	2788	178	157	7	8	4680	307	2900	5242	117	258	3070	19551
0900 CITRUS SUB TROP FRUT	3	0.7	2.7	9	0	0	0	0	0	0	9	0	0	62	0	0	0	71
1000 FRUIT NUTS DECIDUOUS	173	58.3	385.7	2113	18	924	21	0	0	0	3078	537	510	8054	515	880	1418	14880
1100 POTATOES	87	24.4	174.3	988	0	538	111	0	0	0	1615	586	95	2832	192	475	421	6317
1200 VEGETABLES	227	58.6	456.8	2188	0	723	1042	133	0	0	4084	374	1157	8054	321	823	1573	18188
1300 ORNAMENTALS TURF	95	31.9	126.4	1285	0	18	97	42	0	0	1452	23	663	3618	23	625	1345	7750
1400 CORN	80	18.4	103.6	817	0	123	318	92	0	0	1451	55	240	2398	451	297	332	5224
1500 GRAIN SORGHUM	3	1.0	1.0	5	0	0	0	0	0	0	5	0	0	88	1	0	10	102
1600 RICE	7	1.9	18.4	17	0	0	35	0	0	0	52	13	165	103	1	1	150	484
1700 WHEAT	33	4.4	28.6	198	0	0	104	0	0	0	302	24	58	723	104	71	120	1403
1800 OTHER SMALL GRAINS	24	3.2	28.6	129	0	8	0	0	0	0	138	71	172	597	18	105	67	1168
1900 PASTURE	11	1.9	6.0	147	0	0	0	0	0	0	147	23	2	138	27	34	4	376
2000 FORAGE CROPS	62	13.5	82.9	768	0	118	63	165	0	0	1112	87	151	1859	288	243	138	3878
2100 COTTON	3	0.1	0.8	1	0	0	0	0	0	0	1	0	0	21	3	0	10	35
2200 COTTONSEED	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	5
2300 SOYBEANS	52	12.4	23.9	291	0	144	407	425	0	0	1266	51	92	1317	135	15	47	2923
2400 PEANUTS	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	5
2500 OTHER OILSEED CROPS	5	0.8	2.2	44	0	0	0	0	0	0	44	0	0	103	1	0	3	151
2600 TOBACCO	15	7.2	8.5	165	0	0	108	0	0	0	271	0	131	577	8	1	15	1003
2700 SUGAR CROPS	1	0.2	0.0	0	0	0	9	0	0	0	9	0	0	35	0	0	0	44
2800 MISC NEW CROPS	17	7.4	48.7	545	0	181	0	0	0	0	726	1	606	346	182	289	42	2191
2900 POULTRY	152	50.9	188.6	2123	0	260	688	0	113	38	3224	330	517	6741	461	762	1211	13246
3000 BEEF CATTLE	63	13.6	60.5	397	0	0	331	21	31	0	779	100	120	1316	172	83	521	3092
3100 DAIRY CATTLE	198	63.4	377.8	2852	0	538	573	75	176	0	4314	320	498	7911	1191	1065	3088	18387
3200 SWINE	47	10.1	54.7	325	0	0	336	0	114	0	774	31	157	1529	94	67	604	3256
3300 SHEEP AND WOOL	35	6.7	47.9	194	0	0	56	0	27	0	277	20	539	1029	94	34	487	2479
3400 OTHER ANIMALS	135	58.0	285.4	438	0	283	177	0	18	0	916	71	6613	3671	201	752	2938	15161
3500 BEES AND HONEY	9	1.0	4.9	21	0	0	0	0	0	0	21	0	8	188	1	1	71	270
3600 FARM SUPP & FACILITS	16	4.0	12.0	171	0	34	0	0	0	0	205	0	2	416	5	207	69	904
3700 CLOTHING & TEXTILES	15	5.4	15.8	59	0	0	0	60	0	0	119	0	15	255	45	73	22	528
3800 FOOD	104	30.8	118.8	1092	0	462	23	0	0	0	1577	73	812	3422	103	377	805	8968
3900 HOUSING & EQUIP	37	10.0	23.4	398	0	5	0	0	0	0	402	8	46	1092	28	142	445	2163
4000 PEOPLE AS INDIVIDUAL	184	58.7	284.0	1038	0	18	372	92	0	0	1517	44	3858	4222	158	144	1947	11880
4100 FAMILY MEMBERS	45	13.7	91.4	198	0	727	0	0	0	0	923	6	432	823	139	31	148	2502
4200 FARM AS BUSINESS	18	3.1	6.8	154	0	103	0	25	0	0	282	10	12	240	0	1	50	596
4300 SOC POLIT ORGANIZ	86	20.8	85.0	786	0	121	56	0	0	87	1050	197	284	1871	1	219	801	4422
4400 AGRIC ECONOMY U S	15	2.8	13.4	163	0	0	101	0	0	0	264	4	69	415	0	46	46	844
4500 AGRIC ECONOMY FORGN	10	1.5	35.8	85	0	0	0	0	0	0	85	79	323	416	0	4	143	1030
4600 FARM COOPERATIVES	5	1.2	2.7	28	0	53	0	0	0	0	81	0	0	158	0	0	0	241
4700 OTH MARKET PROCESS	6	0.7	9.4	17	0	0	36	0	0	0	53	0	0	113	0	13	28	204
4800 MARKETING SYSTEMS	11	1.1	7.2	41	0	53	0	25	0	0	118	0	55	252	0	0	0	425
6100 WEEDS	10	2.5	12.1	57	0	5	0	0	0	0	62	0	93	373	25	0	48	602
6200 SEED RESEARCH	7	3.0	12.3	14	0	0	0	0	0	0	14	0	1	232	21	27	74	370
6300 BIO CELL SYSTEMS	75	18.3	124.0	370	0	0	95	0	3	0	468	55	2144	2059	46	83	420	5275
6400 EXP DESIGN/STAT METH	28	6.5	21.6	148	0	6	0	0	0	0	153	11	370	504	0	21	86	1146
6500 INVERTEBRATES	121	39.8	153.8	861	193	7	886	0	0	0	1947	447	1735	3391	200	283	467	8472
6600 MICROORGANISMS VIRUS	131	27.2	177.5	800	67	61	1592	0	0	0	2320	121	1768	2505	81	170	461	7426
6700 PLANTS	135	31.5	155.8	1025	4	395	1337	0	0	2	2763	377	1027	2980	20	408	471	8046
6800 ANIMALS(VERTEBRATES)	100	25.6	134.8	813	0	451	201	48	65	0	1378	132	2603	2178	122	421	710	7542
6900 RESEARCH ON RSCH MGM	7	2.1	20.0	30	0	0	0	0	0	0	30	576	1	129	9	162	2	908
7000 RSCH EQUIP & TECHNOL	37	11.2	66.3	98	59	8	0	0	0	0	165	50	1344	1188	13	384	525	3650
8900 UNCLASSIFIED	1	0.0	0.3	0	0	0	6	0	0	0	6	0	0	14	4	0	0	25
TOTAL	1053.3		5120.6 28730		3595 10327		10154 1400		553 138		54897 7269		38147 116747		6057 13052		29644	265813

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1862 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	27	7.5	22.8	164	0	38	34	0	0	0	267	127	117	935	6	228	134	1815
102 SOIL PLNT WTR NUTRI	108	25.0	138.6	697	212	826	425	0	0	1	2161	247	172	2567	36	473	701	5357
103 MGMT OF SALINE SOILS	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	7	0	0	1	8
104 ALTERN USE OF LAND	21	6.5	11.1	346	81	0	0	0	0	0	426	9	20	585	2	61	82	1185
105 CONSERV USE OF WATER	17	3.8	16.2	95	35	56	0	0	0	0	185	78	138	298	14	22	73	808
106 DRAIN AND IRRIGATION	8	3.5	8.2	25	0	4	0	0	0	0	30	0	39	282	1	3	30	385
107 WATERSHED PROT & MGM	20	8.3	30.2	217	3	0	0	0	0	1	220	0	1102	688	7	24	320	2382
108 ECON LEG PROB OF WAT	11	2.5	3.2	88	0	0	0	0	0	0	88	5	1	148	0	14	15	267
109 WEATHER ADAPT & MOD	28	9.7	37.2	155	85	0	5	0	0	0	245	114	783	877	44	6	114	1663
110 APPRAIS FORST & RANG	18	4.8	14.4	36	163	0	0	0	0	0	232	48	663	342	1	32	42	1359
111 BIOL CULT MGMT FORST	83	29.4	72.8	32	640	3	193	0	0	0	868	192	214	3871	85	524	365	6128
113 REMOTE SENSING	13	4.8	7.8	35	127	0	0	0	0	0	192	6	259	401	0	0	201	1028
114 RSCH ON MGMT OF RSCH	7	2.1	20.0	30	0	0	0	0	0	0	30	576	1	128	9	162	2	908
SUBTOTAL			380.3		1375		857		0		4612		3488		184		2120	
		107.9		1850		928		0		2		1402		10829		1548		24584
SERIES 200																		
201 CNTRL FORST INSECTS	41	14.4	38.2	175	322	0	261	0	0	0	758	727	289	1308	6	191	83	3370
202 CONTROL FOREST DIS	27	11.8	25.0	185	286	0	130	0	0	0	801	80	28	914	7	80	82	1781
203 FOREST FIRE PROTECT	1	0.1	0.2	0	18	0	0	0	0	0	18	0	0	5	0	0	0	21
204 CNTR PESTS FRT & VEG	116	30.9	284.1	1034	0	817	215	0	0	0	1867	414	536	3759	306	527	510	7820
205 CNTR DISE FRT & VEG	121	33.2	272.5	1426	18	431	330	0	0	0	2208	411	532	4544	215	706	808	8424
206 CNTR WEEDS FRT & VEG	29	6.0	33.4	358	0	82	0	0	0	0	451	8	97	799	83	87	124	1828
207 CNTR PESTS FLO CROPS	53	12.9	78.5	547	0	71	98	61	0	0	808	47	266	1381	507	117	284	3380
208 CNTR DIS FIELD CROPS	44	8.8	42.8	402	0	45	95	92	0	0	834	0	227	1338	155	82	88	2525
209 CNTR WEEDS FLO CROPS	28	4.4	28.3	317	0	29	73	0	0	0	420	4	20	816	77	130	78	1545
210 CONTR PESTS ANIMALS	18	4.4	23.0	96	0	143	0	0	0	0	241	4	122	331	0	33	42	775
211 CONTR DIS ANIMALS	166	72.8	346.3	1308	0	164	818	0	339	38	2697	416	3439	7842	478	1366	4724	20960
212 CNTR INTER PARASITES	13	4.3	18.9	42	0	142	0	0	50	0	233	0	205	291	58	120	82	991
213 PROT ANMLS FROM TOXI	10	6.3	23.1	11	0	0	0	0	0	0	11	0	260	471	3	73	542	1358
214 PROTECT FROM POLLUTI	47	15.2	52.5	567	33	516	252	0	0	0	1368	80	278	1795	18	408	387	4342
SUBTOTAL			1247.8		875		2304		388		12372		6298		1892		7808	
		225.8		8505		2278		182		38		2190		25572		3900		80028
SERIES 300																		
301 GENET BREED FORST TR	28	17.3	32.4	45	238	0	1	0	0	0	285	115	9	2798	3	125	18	3351
302 IMP FOREST ENG SYS	3	0.9	7.9	0	28	0	0	0	0	0	28	25	25	163	0	42	148	431
303 ECON TIMBER PRODUCTN	4	1.1	2.4	3	28	0	0	0	0	0	32	8	2	111	0	35	16	204
304 IMP BIO EFF FRT & VE	159	43.9	303.8	1810	0	192	530	116	0	0	2648	384	1072	6921	362	583	1187	13157
305 MECH PROD FRT & VEGS	8	1.0	5.3	83	0	47	0	0	0	0	130	0	1	194	0	12	6	343
306 PROD MGMT SYS F & V	27	7.2	71.9	180	0	287	0	17	0	0	484	142	2	900	38	55	432	2053
307 IMP BIO EFF FLO CRP	122	33.8	193.5	1189	0	151	878	500	0	0	2728	286	1086	4078	507	535	286	8525
308 PROD MGMT SYS FLO CR	18	6.6	23.3	247	0	82	0	0	0	0	329	23	3	506	37	28	133	1060
310 ANIMAL REPRODUCTION	73	27.4	186.2	1148	0	0	727	0	54	0	1928	65	2403	2844	541	281	518	8681
311 IMP BIO EFF ANML PR	175	63.8	273.0	2594	0	204	846	96	76	9	3924	246	3514	7233	702	538	1481	17341
312 ENV STRESS IN ANML P	21	7.3	20.9	327	0	0	98	0	7	0	432	0	343	610	90	24	86	1585
313 PROD MGMT SYS ANML P	27	19.0	80.6	468	0	145	0	77	0	0	720	7	3	1414	267	132	282	2864
314 BEES OTH POLLNTNG IN	8	1.0	4.8	21	0	0	0	0	0	0	21	0	8	168	1	1	71	270
315 IMP STRUC FARM SUPP	27	6.1	25.2	425	0	0	0	0	0	0	425	1	25	966	8	303	284	2011
316 FARM BUSINESS MGMT	15	2.4	5.8	131	0	103	0	25	0	0	258	10	8	157	0	1	38	488
318 NON COM BIO TECH/BIM	340	83.5	517.8	1581	58	3	2884	0	8	0	4383	215	7092	8173	283	701	2133	22872
SUBTOTAL			1734.8		354		5541		143		18482		15803		2848		7181	
		322.4		10371		1213		831		8		1541		37934		3378		86628
SERIES 400																		
401 NEW IMP FOREST PROD	48	30.0	76.1	48	491	32	228	0	0	0	770	155	334	4473	127	898	361	7117
402 PROD F & V IMP ACCEP	22	8.3	21.0	282	0	71	8	0	0	0	359	48	27	980	17	188	48	1368
403 NEW & IMP F & V PROD	30	14.8	45.4	328	0	0	148	0	0	0	475	27	88	1722	15	151	74	2530
404 MKT QUAL FRTS & VEGS	28	11.0	45.8	378	0	1	7	0	0	0	384	81	192	1212	8	135	317	2289
405 PROD FLO CROP IMP AC	11	4.8	24.3	134	0	0	8	0	0	0	140	37	309	278	43	8	133	850
406 NEW IMP FOOD FLO CRO	14	2.3	15.3	100	0	15	0	0	0	0	115	0	7	217	12	18	105	474
407 NEW IMP NON FOOD FC	6	1.9	4.8	21	0	47	0	80	0	0	129	1	8	195	1	55	12	368
408 MKT QUAL FIELD CROPS	4	0.2	1.9	0	0	2	0	0	0	0	2	23	0	48	0	8	0	81
409 PROD ANML PR IMP ACC	21	6.2	40.4	225	0	838	16	0	0	0	1079	0	92	632	16	30	161	2041
410 IMP MEAT MILK EGG PR	48	8.1	87.4	212	0	2	0	0	0	0	215	124	105	806	81	215	1165	2710
411 IMP NON FOOD ANML PR	2	0.4	0.8	28	0	0	0	0	0	0	28	0	5	66	0	0	1	100
412 MKT QUAL ANIMAL PROD	12	2.9	8.8	174	0	0	0	0	0	0	174	14	18	409	7	63	47	731
SUBTOTAL			389.1		491		414		0		3869		1129		328		2454	
		80.5		1827		1008		80		0		511		10739		1787		20786
SERIES 500																		
501 IMP GRADES & STANDS	6	1.3	2.8	15	0	105	0	0	0	0	121	2	0	152	0	11	0	286
502 MKTG TIMBER PRODUCTS	2	0.3	0.8	0	11	15	0	0	0	0	26	14	0	24	0	13	0	77
503 MKTG EFF AGRI PRODS	14	1.9	15.8	70	0	227	0	0	0	1	298	4	27	278	0	13	9	628
506 SPLY DEMAND AND PRIC	25	9.8	18.4	382	0	0	0	0	0	0	392	17	28	510	1	35	23	1006
507 COMP REL IN AGRIC	7	3.9	7.3	83	0	0	0	0	0	0	83	41	0	295	0	1	0	421
508 DOMESTIC MKT DEVELP	7	0.4	9.0	7	0	0	0	0	0	0	7	17	0	107	0	1	121	253
509 PERFORMANCE MKTG SYS	22	3.0	18.8	83	0	211	38	8	0	0	348	1	27	454	0	31	47	810
510 GROUP ACT MKT POWER	7	1.0	4.2	23	0	105	0	17	0	0	145	1	27	191	0	0	0	364
511 IMP AGRIC STATISTICS	7	1.1	2.4	36	13	8	0	0	0	0	58	0	0	77	0	0	16	151
513 PRICE ANAL FRST PROD	5	0.9	2.0	0	33	0	0	0	0	0	33	14	0	115	0	13	24	200
SUBTOTAL			79.7		57		38		0		1511		111		1		240	
		20.4		724		566		25		1		112		2201		120		4285
SERIES 800																		
801 FGN MKT DEVELP	12	2.8	13.8	207	0	15	101	0	0	0	323	83	2	325	0	17	59	808
803 TECH AID DEV CRTY	15	2.2	33.7	16	0	0	0	0	0	0	16	47	350	446	0	1	142	1006
804 PRO DVLPMT/MKTG FRGN	1	0.1	0.2	11	0	0	0	0	0	0	11	0	0	28	0	0	0	38
SUBTOTAL			47.8		0		101		0		352		353		0		201	
		5.1		237		15		0		0		130		765		18		1848

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	28	8.2	53.8	186	0	760	0	0	0	1	930	90	414	742	21	216	208	2562
702 FOOD PROT FROM TOX	37	8.5	27.2	440	0	282	304	0	21	0	1047	22	210	850	18	208	106	2456
703 FOOD CONSUMP HABITS	38	7.5	27.8	373	0	80	0	8	0	0	442	28	27	581	12	4	80	1184
704 HOME COMM FOOD SERV	8	1.5	4.8	21	0	0	0	0	0	0	21	0	2	190	0	11	58	282
705 SEL CARE CLOTH & TEX	12	5.0	15.1	58	0	0	0	0	0	0	58	0	15	240	45	73	22	453
706 CONTR INSECTS AFF MA	18	6.4	8.5	182	0	1	0	0	0	0	183	0	18	581	18	10	82	871
707 TRANS ANIML MAN DIS	10	7.2	25.5	144	0	0	0	0	0	0	144	0	824	388	44	38	80	1518
708 HUMAN NUTRITION	84	30.8	208.5	988	0	594	388	120	0	0	1810	218	2307	2027	81	110	1028	7583
709 REDUCE HAZ HLTH & SF	13	3.1	9.8	42	0	1	0	0	0	0	43	0	171	385	0	8	55	681
SUBTOTAL			381.8		0		702		21		4980		3885		248		1988	
		78.4		2128		1988		128		1		330		8878		878		17581
SERIES 800																		
801 RURAL HOUSING	10	2.3	5.7	44	0	0	0	0	0	0	44	0	8	137	53	33	42	315
802 INDIV & FAM DEC MAKI	47	14.8	88.4	208	0	133	0	37	0	0	378	8	422	1051	170	13	220	2283
803 RURAL POVERTY	3	1.7	18.8	31	0	0	0	0	0	0	31	0	0	218	0	1	177	428
804 ECON POTENT RURL PED	28	8.8	15.2	188	0	42	107	0	0	0	338	20	248	488	0	1	255	1348
805 COMMUNICAT EDUC PROC	57	12.8	78.3	232	0	8	0	18	0	0	258	7	721	1114	12	108	803	2825
806 ADJUSTMENT TO CHANGE	14	2.8	15.8	113	0	0	34	0	0	0	147	40	188	125	8	58	4	582
807 AGRIC ECONOMIC CHANG	15	3.2	11.4	122	0	0	0	0	0	1	123	3	8	502	0	48	22	708
808 GOVT PROGRAMS	3	0.4	0.7	11	0	0	0	0	0	0	11	0	11	74	0	0	42	138
SUBTOTAL			228.4		0		141		0		1331		1814		243		1385	
		44.8		951		184		55		1		78		3710		282		8805
SERIES 900																		
901 ALLEV POLLUTION	145	81.0	204.0	1423	28	248	38	0	0	0	1738	172	1808	8338	120	432	1701	15408
902 OUTDOOR RECREATION	18	8.8	15.3	74	74	44	0	0	0	0	192	128	171	477	12	18	104	1098
903 MULTI USE FOREST POT	24	3.8	18.1	47	255	0	0	0	0	0	303	257	18	408	1	38	141	1188
904 WLDLFE AND FISH ECOL	157	43.7	248.8	820	284	1881	88	34	0	0	3184	238	2887	4378	107	208	2788	13584
905 TREES BEAUTIFICATION	11	2.0	12.1	81	33	0	0	88	0	0	188	13	1	311	48	38	10	821
908 ORNAMENT & TURF DEV	88	27.8	111.8	880	0	0	87	0	0	0	1087	18	857	3102	21	811	1330	8828
907 RURAL INCOME IMP	20	3.8	4.3	181	0	42	22	0	0	43	288	21	1	314	0	11	48	883
908 RURAL INSTITUT IMP	48	8.7	38.8	343	0	38	0	0	0	43	422	134	123	853	0	28	508	2083
980 UNCLASSIFIED	1	0.0	0.3	0	0	0	8	0	0	0	8	0	0	14	4	0	0	28
SUBTOTAL			850.7		672		258		0		7407		8585		315		8830	
		187.2		3838		2333		118		88		878		18182		1382		41487
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			5120.8		3585		10154		553		54887		38147		8057		28844	
	1053.3		28730		10327		1400		138		7288		118747		13052			285813

TABLE IV-B SUMMARY BY COMMODITY OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS SYS	OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	386	100.0	382.3	2415	178	638	294	920	0	28	4468	902	3505	12188	921	1108	3886	28858
0200 WATER	257	55.8	208.3	1301	38	472	202	124	0	0	2138	742	1081	8240	438	858	1588	14887
0300 WATERSHEDS RIVER BAS	59	12.9	46.4	192	28	205	78	232	0	0	733	453	241	1252	118	128	843	3768
0400 AIR AND CLIMATE	28	8.1	22.3	192	0	0	34	0	0	0	227	112	70	969	83	114	90	1684
0500 RECREATION RESOURCES	31	9.7	19.5	109	77	0	0	0	0	0	186	281	213	886	28	85	418	2081
0600 TIMBER FORST PRODUCT	438	170.1	617.7	853	5537	1112	1259	281	0	0	8822	4821	2353	22216	1923	3270	2522	45728
0700 RANGE	54	18.9	93.4	586	0	20	60	68	7	0	724	431	171	3537	1471	219	70	6624
0800 WILDLIFE AND FISH	325	139.0	485.1	1221	497	2025	447	1383	181	43	5778	1520	5786	15081	588	2177	4731	35638
0900 CITRUS SUB TROP FRUT	151	71.9	220.7	1136	0	380	55	41	0	0	1592	477	514	10593	117	428	931	14650
1000 FRUIT NUTS DECIDUOUS	280	85.3	331.7	2216	0	748	23	711	0	0	3698	388	212	14998	782	831	580	21308
1100 POTATOES	46	8.7	42.7	218	0	57	84	0	0	0	358	81	258	1834	14	313	88	2925
1200 VEGETABLES	521	195.1	679.0	4297	0	1928	555	2313	0	0	9094	893	996	27212	1017	1475	1875	42563
1300 ORNAMENTALS TURF	257	105.8	335.5	3248	0	340	104	517	0	0	4208	222	149	14979	438	1498	1483	22975
1400 CORN	255	49.4	179.9	871	0	217	429	432	0	88	2017	352	1960	7242	512	886	878	13849
1500 GRAIN SORGHUM	120	24.0	115.4	489	0	191	74	67	4	0	805	294	1250	3747	591	383	407	7477
1600 RICE	113	40.6	185.3	507	0	254	34	0	0	0	795	721	1367	5419	337	1558	2110	12306
1700 WHEAT	210	48.6	173.0	1185	0	130	45	19	0	0	1380	311	549	7612	334	848	831	11866
1800 OTHER SMALL GRAINS	68	10.5	45.8	277	0	36	12	0	0	0	325	138	142	1926	172	185	160	3048
1900 PASTURE	85	12.8	58.9	808	0	7	0	0	0	0	815	29	53	2371	199	83	87	3438
2000 FORAGE CROPS	273	73.4	326.1	2587	0	170	158	614	0	0	3507	1013	438	12434	1887	515	890	20282
2100 COTTON	253	80.6	308.4	1978	0	700	218	0	0	5	2901	563	1061	10987	1001	2520	986	20000
2200 COTTONSEED	7	1.2	2.7	2	0	76	0	0	0	0	77	0	13	232	7	47	1	378
2300 SOYBEANS	371	98.5	352.8	2278	0	400	377	1481	0	0	4535	383	1302	13583	786	1483	2042	24053
2400 PEANUTS	148	44.9	163.7	882	0	161	0	192	0	0	1235	444	858	7099	410	571	1580	12208
2500 OTHER OILSEED CROPS	29	7.7	28.2	85	0	7	0	628	0	0	720	26	153	562	11	28	49	1548
2600 TOBACCO	125	40.7	165.0	945	0	0	88	0	0	0	1031	561	226	7908	386	854	1044	11810
2700 SUGAR CROPS	84	27.1	130.4	908	0	58	0	0	0	0	984	20	51	4119	84	788	372	6378
2800 MISC NEW CROPS	87	18.0	93.5	743	0	128	0	283	0	252	1407	498	183	1970	138	132	88	4408
2900 POULTRY	268	118.0	432.3	3502	0	1182	181	1004	307	0	8176	287	469	19083	1121	1895	1332	30353
3000 BEEF CATTLE	495	154.5	702.5	4303	0	842	1139	698	349	0	7332	1077	4282	30294	4988	2813	2080	52868
3100 DAIRY CATTLE	306	92.2	450.1	3135	0	882	252	279	259	0	4806	476	1068	17855	2982	2843	1409	31439
3200 SWINE	201	58.3	228.0	1804	0	28	880	713	112	0	3535	231	1099	9727	889	1282	888	17632
3300 SHEEP AND WOOL	105	24.6	88.0	876	0	137	17	237	20	0	1090	50	353	3784	863	486	587	7012
3400 OTHER ANIMALS	211	102.1	284.3	881	0	644	692	3240	218	0	5673	224	3824	11162	869	2043	1646	25241
3500 BEES AND HONEY	11	4.3	21.4	54	0	0	13	186	0	0	233	15	83	881	85	72	7	1115
3600 FARM SUPP & FACILITS	15	3.8	15.3	84	0	0	0	0	0	0	84	24	28	854	43	22	78	928
3700 CLOTHING & TEXTILES	27	4.3	12.3	80	0	0	0	88	0	0	178	8	1	487	8	8	188	853
3800 FOOD	100	37.9	105.3	705	0	88	153	482	0	183	1818	194	442	4870	85	882	217	8109
3900 HOUSING & EQUIP	45	13.9	43.7	288	58	133	0	0	0	0	491	84	78	1880	44	98	98	2788
4000 PEOPLE AS INDIVIDUAL	137	45.8	114.3	738	2	488	248	1984	0	0	3434	142	837	3542	24	300	411	8882
4100 FAMILY MEMBERS	38	12.7	25.8	198	0	0	1	453	0	0	849	13	122	944	4	27	474	2233
4200 FARM AS BUSINESS	85	28.8	82.1	883	0	111	0	194	0	0	1187	110	142	2538	80	153	75	4283
4300 SOC POLIT ORGANIZ	88	38.1	80.2	561	0	314	112	823	0	121	1932	148	212	2852	182	285	183	5773
4400 AGRIC ECONOMY U S	52	22.9	58.3	381	0	443	0	102	0	0	925	379	257	2199	5	372	148	4286
4500 AGRIC ECONOMY FORGN	10	1.9	3.0	42	0	37	0	0	0	0	80	22	0	214	0	1	1	318
4600 FARM COOPERATIVES	4	0.8	1.3	19	0	0	0	0	0	0	19	14	0	35	1	0	2	70
4700 OTH MARKET PROCESS	10	2.5	4.3	52	4	0	0	27	0	0	83	18	3	335	0	7	13	458
4800 MARKETING SYSTEMS	18	5.9	18.4	137	0	18	0	311	0	0	485	19	0	438	7	2	2	934
6100 WEEDS	60	15.4	43.5	633	0	75	0	202	0	0	910	88	35	1788	40	198	208	3283
6200 SEED RESEARCH	15	4.0	5.8	111	0	0	0	0	0	0	111	21	27	330	13	34	85	801
6300 BIO CELL SYSTEMS	59	31.4	88.1	584	0	0	11	0	0	0	575	14	3482	3024	314	559	308	8256
6400 EXP DESIGN/STAT METH	28	10.8	12.8	78	11	0	4	0	0	0	91	16	84	1232	10	44	54	1532
6500 INVERTEBRATES	139	49.4	134.7	778	0	194	1028	74	0	0	2073	309	1878	5554	78	289	485	10484
6600 MICROORGANISMS VIRUS	160	48.9	135.5	918	0	113	1553	299	13	0	2894	202	2317	5390	87	417	413	11700
6700 PLANTS	222	90.1	324.2	1084	0	1018	1383	284	0	217	3985	980	3882	9777	440	2335	1485	22885
6800 ANIMALS(VERTEBRATES)	118	48.5	149.7	373	0	118	324	153	110	0	1077	117	2805	8888	337	1072	850	12722
6900 RESEARCH ON RSCH MGM	14	3.4	4.5	48	0	82	0	0	0	53	180	2	14	270	0	8	74	528
7000 RSCH EQUIP & TECHNOL	38	9.3	33.8	101	47	78	5	33	0	0	265	348	880	1128	38	171	177	2804
TOTAL		2637.2	9472.7	55289	8472	17435	12619	22092	1578	978	116464	22085	53394	369834	27883	41455	43988	674884

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SDURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATIDN CATEGORY	NO DF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /RRF	MCIN STEN	SP GT	CDMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TDTAL CSRS	USDA CGCA	OTH FED	STATE APPRD	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SDIL RESD	66	21.4	81.6	777	25	113	18	234	0	0	1167	106	471	2486	207	157	998	5575
102 SOIL PLNT WTR NUTRI	266	101.4	395.1	2016	366	340	393	847	0	1	3669	1112	1526	13255	815	1032	2982	24401
103 MGMT OF SALINE SOILS	21	5.6	22.0	141	16	0	12	197	0	0	336	10	84	713	173	55	111	1483
104 ALTERN USE OF LAND	32	5.7	20.9	60	4	12	0	60	0	25	222	54	136	850	32	27	351	1975
105 CONSERV USE OF WATER	110	30.7	116.6	501	1	143	67	198	0	0	810	507	814	4161	661	372	495	7851
106 DRAIN AND IRRIGATIDN	26	6.1	33.0	261	1	15	0	0	0	0	307	36	37	1401	23	76	191	2075
107 WATERSHED PROT & MGM	79	18.5	71.5	453	105	319	0	144	0	0	1022	463	270	2314	85	325	996	5473
108 ECON LEG PRDB OF WAT	16	4.9	15.1	58	8	12	0	24	0	0	102	105	241	766	72	86	8	1421
109 WEATHER ADAPT & MOD	41	11.5	34.3	283	8	0	0	54	0	0	344	318	436	1660	126	151	84	3121
110 APPRAIS FORST & RANG	30	8.6	24.5	42	258	0	18	0	0	0	317	284	141	716	283	88	261	2083
111 BIOL CULT MGMT FORST	125	44.8	150.6	46	1867	18	364	0	0	0	2308	1584	630	5413	540	660	684	11847
112 IMPROV RANGE RESDR	46	12.9	68.3	361	0	14	42	98	9	0	481	300	126	2594	1281	136	26	4821
113 REMDTE SENSING	21	7.3	28.1	11	164	1	0	0	0	0	165	636	502	732	26	85	95	2246
114 RSCH ON MGMT OF RSCH	13	3.4	4.4	42	0	82	0	0	0	53	158	2	14	267	0	9	74	520
SUBTDTAL			1088.8		2895		903		9		11841		5433		4311		6979	
		285.8		5111		1051		1828		78		5562		37374		3287		74763
SERIES 200																		
201 CNTRL FORST INSECTS	36	6.9	27.1	48	180	0	128	0	0	0	336	537	88	880	66	40	188	2147
202 CONTRDL FOREST DIS	36	11.6	27.7	150	266	31	26	154	0	0	682	61	120	1174	11	116	51	2229
204 CNTR PESTS FRT & VEG	166	46.6	158.0	934	0	528	57	214	0	0	1734	315	97	7233	216	416	463	10475
205 CNTR DISE FRT & VEG	252	79.3	286.1	1515	0	800	280	141	0	0	2715	636	485	12085	296	571	787	17557
206 CNTR WEEDS FRT & VEG	69	14.0	53.5	406	0	166	33	170	0	152	927	2	31	2032	64	129	122	3336
207 CNTR PESTS FLO CRDPS	251	80.8	366.0	2522	0	747	269	340	0	0	3904	657	2267	11752	581	2066	1167	22444
208 CNTR DIS FIELD CRDPS	307	104.7	366.3	2226	0	355	291	202	0	0	3074	1550	1847	14422	613	2074	2161	25546
209 CNTR WEEDS FLO CRDPS	143	50.8	188.0	1830	0	443	1	283	0	0	2557	102	97	7080	613	1466	1051	12864
210 CONTR PESTS ANIMALS	62	17.2	52.2	516	0	356	0	0	137	0	1009	32	264	2454	82	332	184	4357
211 CONTR DIS ANIMALS	267	192.3	435.8	1346	0	149	1563	100	638	0	4095	1037	4884	24088	1776	3867	2342	42188
212 CNTR INTER PARASITES	36	16.8	40.3	254	0	48	46	155	50	0	553	6	150	2078	148	538	244	3714
213 PROT ANMLS FROM TOXI	45	26.1	85.6	255	0	371	17	2	100	0	746	36	1872	3993	481	565	187	7852
214 PROTECT FROM POLLUTI	68	23.1	80.0	321	26	51	134	18	0	0	553	396	2015	2749	76	339	267	6362
SUBTOTAL			2196.6		488		2656		1224		22888		14148		5052		9153	
		656.1		12327		4045		1778		152		5374		82008		12598		191169
SERIES 300																		
301 GENET BREED FORST TR	42	27.3	63.2	153	630	61	361	107	0	0	1313	148	708	2501	862	486	589	6588
302 IMP FOREST ENG SYS	16	3.5	12.4	11	141	246	0	0	0	0	398	22	30	808	10	41	22	1128
303 ECON TIMBER PRODUCTN	30	8.7	17.8	0	590	0	0	0	0	0	590	78	14	1828	78	115	84	2728
304 IMP BIO EFF FRT & VE	322	122.4	515.8	3048	0	470	461	1638	0	0	5508	402	932	16862	1003	1550	1127	30411
305 MECH PRDD FRT & VEGS	33	7.0	18.7	217	0	0	0	0	0	0	217	7	19	1188	40	37	53	1592
309 PROD MGMT SYS F & V	85	16.8	42.8	339	0	72	0	563	0	85	1038	56	22	1724	130	50	97	3086
307 IMP BIO EFF FLO CRP	518	180.7	848.2	4471	0	184	1013	1352	0	88	7088	1309	2566	31561	2662	3285	4401	53239
308 MECH PROD FIELD CRDP	53	18.0	70.5	512	0	0	0	0	0	0	512	180	253	2445	101	490	195	4155
309 PROD MGMT SYS FLO CR	186	54.2	189.8	883	0	216	0	321	0	21	1641	756	260	7561	872	1081	843	12744
310 ANIMAL REPRODUCTION	197	68.9	331.8	2385	0	223	786	1353	86	0	4826	57	1035	12726	1506	1121	1084	22383
311 IMP BIO EFF ANML PR	412	146.6	795.5	5290	0	819	856	3013	61	0	8867	489	1306	30101	4056	2866	2767	51545
312 ENV STRESS IN ANML P	72	21.4	82.7	863	0	18	74	108	46	0	1140	27	161	3346	237	346	158	5437
313 PRDD MGMT SYS ANML P	121	20.2	104.4	913	0	636	0	446	1	0	2001	61	22	4762	1444	260	160	8711
314 BEES DTH POLLNTNG IN	11	4.3	21.4	54	0	0	13	169	0	0	233	15	63	961	65	72	7	1115
315 IMP STRUC FARM SUPP	21	7.2	13.5	132	0	0	0	0	0	0	132	5	3	767	3	25	57	1022
319 FARM BUSINESS MGMT	53	22.5	84.7	825	0	111	0	86	0	0	1002	110	126	2270	84	116	75	3757
317 MECH/STRUCTS ANML PR	12	3.8	10.4	117	0	0	0	0	0	0	117	0	3	522	50	5	34	731
318 NDN COM BIO TECH/BIM	317	138.3	377.6	2092	35	184	2888	189	9	0	5375	351	8020	18880	560	1212	1474	32871
SUBTOTAL			3578.1		1386		6254		238		42868		15557		14070		12887	
		872.9		22411		3210		6238		155		4117		140225		13260		242693
SERIES 400																		
401 NEW IMP FOREST PROD	97	31.2	164.8	34	803	780	340	0	0	0	1898	702	190	5512	177	1408	383	10318
402 PRDD F & V IMP ACCEP	95	20.4	72.1	476	0	156	44	73	0	0	750	37	52	3411	27	260	153	4881
403 NEW & IMP F & V PRDD	45	19.8	70.5	431	0	85	34	71	0	0	830	210	13	2885	42	112	167	4086
404 MKT QUAL FRTS & VEGS	61	20.5	54.5	416	0	288	5	100	0	0	812	25	119	2483	25	148	254	3846
405 PRDD FLD CRDP IMP AC	116	29.9	127.1	730	0	39	116	104	4	5	998	261	167	5164	405	708	384	8147
406 NEW IMP FOOD FLD CRD	40	15.7	34.8	216	0	38	11	121	0	170	557	7	135	1678	26	303	338	2947
407 NEW IMP NON FOOD FC	47	15.1	60.0	371	0	683	42	317	0	230	1643	231	281	1788	141	154	110	4348
408 MKT QUAL FIELD CROPS	34	10.7	27.3	319	0	0	0	288	0	0	587	44	161	1431	17	206	148	2583
409 PROD ANML PR IMP ACC	75	23.0	113.0	770	0	487	0	70	0	0	1327	17	28	4425	1330	498	338	7964
410 IMP MEAT MILK EGG PR	76	30.8	108.5	530	0	365	37	261	0	0	1223	89	87	3421	268	854	678	6922
411 IMP NON FOOD ANML PR	5	0.3	0.7	14	0	0	0	17	0	0	30	7	0	14	0	3	0	55
412 MKT QUAL ANIMAL PROD	32	8.7	32.0	184	0	0	0	0	1	0	185	78	227	1583	75	220	121	2500
SUBTOTAL			885.4		803		930		6		10722		1481		2538		3084	
		225.8		4504		2842		1432		405		1737		33705		4872		58120
SERIES 500																		
501 IMP GRADES & STANDS	22	6.7	18.1	142	0	17	0	0	0	0	156	58	161	535	37	84	158	1162
502 MKTG TIMBER PRODUCTS	14	2.8	12.3	6	33	0	0	0	0	0	43	111	19	322	6	11	67	598
503 MKTG EFF AGRI PRODS	46	11.6	19.6	332	4	35	37	166	0	0	574	79	11	1096	6	7	27	1803
508 SPLY DEMAND AND PRIC	68	20.6	55.3	531	0	227	0	220	0	0	978	228	221	1671	19	335	147	3598
507 COMP REL IN AGRIC	32	8.5	13.0	166	0	0	0	0	0	0	166	107	9	838	3	40	117	1080
508 DOMESTIC MKT DEVELP	20	4.0	17.9	50	0	34	0	153	0	0	237	128	5	428	4	182	50	1045
509 PERFORMANCE MKTG SYS	37	11.9	25.1	295	0	19	0	275	0	0	587	157	51	1135	6	17	91	2045
510 GROUP ACT MKT POWER	2	0.1	0.1	0	0	0	0	0	0	0	0	0	0	12	0	0	0	12
511 IMP AGRIC STATISTICS	8	0.7	0.8	11	11	0	0	0	0	0	22	18	0	83	5	4	5	134
512 IMP GRADES FRST PRDD	2	0.3	1.2	0	8	0	0	0	0	0	8	4	0	42	1	0	8	82
513 PRICE ANAL FRST PROD	13	2.4	8.3	0	134	0	0	0	0	0	134	93	16	220	5	4	101	572
SUBTOTAL			170.7		188		37		0		2808		484		83		761	
		87.8		1638		330		813		0		881		6181		874		12078
SERIES 600																		
601 FGN MKT DEVELP	45	17.5	48.8	544	45	211	177	0	0	0	877	481	4	1628	8	220	188	3486
603 TECH AID DEV CRTY	7	3.8	11.8	22	1	0	0	0	0	0	23	0	3854	184	0	2	662	4708
604 PRO OVLPMT/MKTG FRGN	12	1.7	5.0	28	0	28	14	0	0	0	71	8	22	285	0	25	28	450
SUBTOTAL			85.7		47		182		0		1072		3881		8		858	
		23.1		584		238		0		0		488		2088		249		8852

SAES REGION 2 SOUTHERN REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-O SUMMARY BY PROBLEM AREA OF 1863 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	41	8.0	26.8	155	0	648	0	65	0	11	1166	218	70	812	7	73	85	2443
702 FOOD PROT FROM TOX	66	24.3	98.4	345	0	984	193	483	11	0	1686	439	1000	3572	143	414	331	7586
703 FOOD CONSUMP HABITS	33	10.2	35.4	208	0	27	0	481	0	0	716	98	211	720	11	262	47	2064
704 HOME COMM FOOD SERV	4	0.8	1.8	9	0	0	43	0	0	0	52	4	2	98	0	0	8	185
705 SEL CARE CLOTH & TEX	20	2.9	8.1	58	0	0	0	88	0	0	144	8	0	283	8	5	84	550
706 CONTR INSECTS AFF MA	26	11.4	43.8	352	0	132	0	0	0	0	484	55	183	1491	54	193	214	2675
707 TRANS ANIML MAN DIS	10	1.7	4.3	18	0	0	0	0	0	0	18	0	182	155	1	35	3	373
708 HUMAN NUTRITION	112	46.4	110.7	450	0	323	517	1180	0	11	2481	266	2601	5168	38	678	334	11866
709 REDUCE HAZ HLTH & SF	22	6.3	17.3	74	2	0	0	41	0	0	117	66	368	884	4	67	212	1518
SUBTOTAL		113.0	348.8	1667	2	2112	723	2357	11	23	6898	1152	4868	12983	263	1728	1309	29238
SERIES 800																		
801 RURAL HOUSING	18	4.4	13.8	88	22	0	0	192	0	0	281	50	128	520	8	53	0	1038
802 INDIV & FAM DEC MAKI	35	8.7	14.5	140	0	2	1	325	0	0	498	43	75	698	5	40	38	1398
803 RURAL POVERTY	11	3.8	7.3	39	0	97	0	223	0	0	328	0	1	204	3	1	18	555
804 ECON POTENT RURL PEO	45	14.1	25.5	284	0	97	19	645	0	121	1162	65	115	907	8	38	256	2552
805 COMMUNICAT EDUC PROC	20	10.9	28.8	42	0	82	0	482	0	0	606	0	24	935	1	5	118	1990
806 ADJUSTMENT TO CHANGE	46	14.8	28.0	325	0	6	0	299	0	0	630	20	15	1151	111	202	25	2155
807 AGRIC ECONOMIC CHANG	37	15.2	22.5	247	0	0	0	492	0	0	739	33	55	1091	8	37	88	2048
808 GOVT PROGRAMS	25	7.7	26.1	152	0	468	0	0	0	0	620	104	2	1000	3	84	57	1848
SUBTOTAL		79.0	169.8	1286	22	723	17	2656	0	121	4835	315	413	6508	146	438	598	13254
SERIES 900																		
901 ALLEV POLLUTION	223	63.4	229.9	1530	38	824	549	132	14	0	3086	466	1202	8298	337	878	1905	19173
902 OUTDOOR RECREATION	30	9.5	19.6	120	48	0	0	0	0	0	168	257	199	976	13	85	350	2048
903 MULTI USE FOREST POT	31	8.0	24.7	16	182	0	0	0	0	0	198	213	583	819	75	149	420	2454
904 WLDLFE AND FISH ECOL	283	116.3	404.3	1021	420	1394	267	1234	81	43	4461	1110	4815	12797	382	1907	3847	29300
905 TREES BEAUTIFICATION	31	11.5	29.2	174	3	4	0	191	0	0	371	34	3	1586	12	65	84	2134
906 ORNAMENT & TURF DEV	231	87.1	272.2	2698	0	320	51	245	0	0	3314	198	139	12667	337	1220	1311	19184
907 RURAL INCOME IMP	38	9.6	18.6	135	0	156	111	94	0	0	498	44	118	764	2	31	452	1907
908 RURAL INSTITUT IMP	31	8.1	14.2	147	0	86	30	98	0	0	361	28	59	648	45	12	4	1158
SUBTOTAL		313.6	1013.1	5641	691	2783	1008	1993	95	43	12456	2350	7120	38555	1182	4343	8352	74357
SCIENCE IN SERV OF MAN GRAND TOTAL		2837.2	9472.7	55289	6472	17435	12619	22092	1578	978	116464	22085	53394	389634	27693	41455	43889	674984

TABLE IV-B SUMMARY BY COMMODITY OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

	CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100	SOIL AND LAND	403	96.3	385.0	2399	75	1153	419	17	0	31	4092	1378	3257	11134	1319	2990	3545	27712
0200	WATER	253	58.2	194.5	1029	55	2429	181	0	0	20	3714	755	2349	7056	689	1213	1197	19870
0300	WATERSHEDS RIVER BAS	38	7.2	27.0	222	94	208	0	0	0	0	494	156	282	881	37	237	288	2354
0400	AIR AND CLIMATE	43	14.4	36.3	578	7	421	0	0	0	818	1824	37	709	1388	150	47	157	4310
0500	RECREATION RESOURCES	29	7.8	30.8	85	70	32	0	0	0	0	187	254	699	1178	14	31	293	2833
0600	TIMBER FORST PRODUCT	288	110.9	388.1	782	2894	934	749	0	0	143	5173	1439	2041	13332	863	2198	4015	29058
0700	RANGE	46	18.7	57.0	357	21	80	7	0	0	0	445	86	930	2106	828	37	77	4509
0800	WILDLIFE AND FISH	130	30.9	174.8	546	45	825	220	0	2	15	1452	871	3249	3959	406	732	1921	12390
0900	CITRUS SUB TROP FRUT	4	0.5	1.2	15	0	0	0	0	0	0	15	0	0	46	9	14	2	89
1000	FRUIT NUTS DECIDUOUS	141	34.7	142.0	998	0	397	84	0	0	0	1447	101	206	6901	421	970	658	10704
1100	POTATOES	94	28.9	105.1	668	0	750	180	0	0	0	1598	441	731	3917	229	518	482	7913
1200	VEGETABLES	227	65.3	238.9	2182	0	288	325	370	0	0	3198	388	1195	8923	337	2028	984	17032
1300	ORNAMENTALS TURF	103	31.7	116.1	785	8	1	0	0	0	0	793	88	100	4549	155	1578	833	7895
1400	CORN	478	115.0	463.2	3782	0	1037	912	0	0	0	5741	837	2219	15113	1394	5588	1497	32389
1500	GRAIN SORGHUM	92	21.8	79.8	388	0	4	48	0	0	0	438	148	1145	2820	352	424	342	5989
1600	RICE	19	5.8	17.8	105	0	92	0	0	0	0	198	4	144	564	28	114	105	1159
1700	WHEAT	284	70.7	285.1	1607	0	341	412	0	0	0	2359	1085	1308	8493	1389	1034	1742	17389
1800	OTHER SMALL GRAINS	135	31.4	136.7	714	0	138	153	0	0	0	1005	319	390	4589	979	1985	636	9290
1900	PASTURE	22	2.8	10.3	84	0	21	0	77	0	0	182	23	0	263	170	72	62	770
2000	FORAGE CROPS	181	40.2	148.4	1529	0	429	131	0	0	0	2089	314	398	5546	1024	1032	412	10782
2100	COTTON	8	1.6	9.7	79	0	0	0	0	0	0	79	0	12	180	54	88	7	399
2300	SOYBEANS	349	83.4	318.5	2345	0	1243	517	0	0	0	4105	510	985	10259	1059	3428	1488	21808
2400	PEANUTS	3	0.2	0.4	2	0	0	0	0	0	0	2	0	23	32	0	0	0	58
2500	OTHER OILSEED CROPS	94	20.9	78.1	419	0	770	110	122	0	70	1488	348	192	2177	263	321	398	5187
2800	TOBACCO	13	2.2	8.4	43	0	0	65	0	0	0	108	0	120	238	3	3	5	477
2700	SUGAR CROPS	21	5.2	24.1	104	0	45	13	0	0	0	161	174	38	989	114	225	187	1587
2800	MISC NEW CROPS	42	12.1	36.8	213	0	2511	0	0	0	0	2724	58	140	1557	109	492	271	5352
2900	POULTRY	173	47.1	187.1	1977	0	144	598	0	58	30	2777	298	309	7686	1545	1325	489	14409
3000	BEEF CATTLE	434	114.8	614.4	3092	0	1328	1513	222	322	0	6478	1088	1184	18319	14003	2474	928	44451
3100	DAIRY CATTLE	392	93.8	442.2	4019	0	348	638	0	480	0	5480	288	1407	17843	8352	5151	888	37188
3200	SWINE	485	130.0	515.4	3833	0	998	1592	180	518	140	6953	518	2027	20108	8887	3881	983	41138
3300	SHEEP AND WOOL	109	28.1	142.1	835	0	43	270	151	49	0	1348	278	398	4648	2470	288	137	9547
3400	OTHER ANIMALS	181	48.3	145.1	485	0	88	243	390	92	0	1280	23	3204	4188	1110	973	1228	11887
3500	BEES AND HONEY	9	2.1	3.2	21	0	0	50	0	0	0	71	17	1	213	8	1	103	413
3600	FARM SUPP & FACILITS	28	9.7	29.0	382	0	0	0	0	0	0	382	33	212	1098	293	282	108	2385
3700	CLOTHING & TEXTILES	19	4.5	8.9	170	0	0	0	0	0	0	170	0	0	582	2	15	5	754
3800	FOOD	175	58.2	191.9	1735	0	858	259	71	0	0	2922	1877	1282	6407	783	2894	958	17103
3900	HOUSING & EQUIP	33	9.5	22.4	178	28	10	0	0	0	75	289	31	39	1049	119	215	142	1884
4000	PEOPLE AS INDIVIDUAL	173	42.9	90.9	922	0	85	242	275	0	0	1524	82	2083	5385	223	652	341	10280
4100	FAMILY MEMBERS	105	33.8	87.5	831	0	0	0	33	0	0	864	3	3188	3285	1480	171	120	8887
4200	FARM AS BUSINESS	75	19.3	30.7	721	0	128	0	5	0	0	851	108	185	1810	78	128	137	3374
4300	SOC POLIT ORGANIZ	121	35.0	85.5	834	15	581	52	0	0	0	1482	225	3248	3584	224	681	340	9723
4400	AGRIC ECONOMY U S	60	17.4	59.3	580	0	1014	0	24	0	1	1600	192	13	1894	37	81	478	4083
4500	AGRIC ECONOMY FORGN	27	11.7	32.8	207	0	913	0	0	0	0	1121	185	2654	945	5	307	105	5303
4800	FARM COOPERATIVES	7	2.3	3.4	54	0	0	0	0	0	0	54	40	2	199	12	2	50	358
4700	OTH MARKET PROCESS	7	1.0	2.2	52	0	0	0	0	0	0	52	32	5	88	12	5	14	207
4800	MARKETING SYSTEMS	29	9.1	16.5	199	0	115	0	0	0	0	314	83	20	810	11	19	48	1084
8100	WEEDS	59	14.0	55.2	298	3	378	32	0	0	0	708	83	137	1920	183	713	181	3848
8200	SEED RESEARCH	11	1.9	12.2	57	0	0	0	0	0	0	57	30	38	254	459	37	5	882
8300	BIO CELL SYSTEMS	89	32.0	151.0	519	10	0	120	0	0	0	648	208	6924	4588	133	974	242	13725
8400	EXP DESIGN/STAT METH	25	14.7	31.4	114	0	0	0	0	0	0	114	81	53	1729	181	91	177	2423
8500	INVERTEBRATES	107	30.2	108.4	822	9	89	1067	0	0	7	1994	394	1917	3612	79	559	337	8892
8600	MICROORGANISMS VIRUS	161	48.3	162.8	840	0	125	1880	0	114	2	2880	45	3122	5720	142	1035	384	13408
8700	PLANTS	318	78.0	284.7	1770	78	999	1828	0	0	0	4472	775	2244	10831	729	1229	885	21289
8800	ANIMALS(VERTEBRATES)	252	91.4	293.5	1025	0	684	505	0	114	0	2328	185	5405	9933	3038	1004	1580	23433
8900	RESEARCH ON RSCH MGM	17	4.3	9.9	230	0	0	0	0	0	1458	1887	12	0	753	89	12	7	2581
7000	RSCH EQUIP & TECHNOL	37	10.2	41.8	132	3	88	0	0	0	0	224	130	3820	1910	249	48	177	6557
TOTAL			1947.1	7348.7	48731	3358	22288	15171	1938	1728	2810	98004	16780	67798	258971	52783	52288	32770	577381

TABLE IV-O SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INC -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	58	15.7	70.1	287	22	221	53	0	0	0	583	191	249	1939	104	662	1457	5185
102 SOIL PLNT WTR NUTRI	307	81.4	312.9	1878	274	805	338	43	0	0	3241	1148	1922	10578	1403	2987	1878	23238
103 MGMT OF SALINE SOILS	3	0.3	0.9	6	0	0	0	0	0	0	6	0	0	39	12	0	0	57
104 ALTERN USE OF LAND	52	10.0	28.9	288	11	107	0	0	0	0	384	188	187	929	52	99	367	2184
105 CONSERV USE OF WATER	73	21.6	81.9	345	0	512	17	0	0	0	874	240	1723	2373	197	543	278	6228
106 DRAIN AND IRRIGATION	35	9.2	26.0	211	0	180	0	0	0	0	391	98	45	1202	116	34	48	1930
107 WATERSHED PROT & MGM	41	9.3	42.5	173	88	225	0	0	0	0	453	272	838	1487	34	153	228	3442
108 ECON LEG PROB OF WAT	9	1.3	2.0	65	1	13	0	0	0	0	79	5	2	133	2	4	17	243
109 WEATHER ADAPT & MOD	45	15.5	39.8	588	18	421	0	0	0	0	1029	38	758	1548	150	66	92	3682
110 APPRAIS FORST & RANG	38	20.9	96.5	223	388	0	25	0	0	30	847	278	883	3250	45	91	438	5407
111 BIOL CULT MGMT FORST	88	30.1	105.0	82	897	0	51	0	0	0	1030	279	1187	2984	314	527	1486	7788
112 IMPROV RANGE RESOR	29	9.3	32.3	183	0	80	7	0	0	0	229	0	291	1397	782	21	23	2743
113 REMOTE SENSING	20	5.2	10.8	150	27	0	0	0	0	0	177	82	319	684	13	13	162	1450
114 RSCH ON MGMT OF RSCH	17	4.3	9.9	230	0	0	0	0	0	1458	1687	12	0	753	89	12	7	2581
SUBTOTAL			854.4		1878		492		0		10818		8183		3314		8554	
		234.0		4778		2344		43		1487		2828		29278		5193		66145
SERIES 200																		
201 CNTRL FORST INSECTS	24	6.2	18.2	58	131	0	23	0	0	0	212	158	95	690	36	163	198	1516
202 CONTRDL FOREST DIS	25	6.3	21.3	93	178	1	53	0	0	0	327	88	17	923	22	178	72	1628
203 FOREST FIRE PROTECT	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
204 CNTR PESTS FRT & VEG	84	18.1	55.1	457	0	94	0	0	0	0	551	194	29	2387	68	520	387	4116
205 CNTR DISE FRT & VEG	134	31.4	116.8	791	0	422	283	0	0	0	1497	578	390	4454	148	901	443	8408
206 CNTR WEEDS FRT & VEG	28	6.6	17.2	202	7	1	0	0	0	0	210	0	8	955	28	333	88	1620
207 CNTR PESTS FLD CROPS	180	48.7	174.4	1388	0	288	431	0	0	0	2105	473	580	5848	338	1068	774	11185
208 CNTR DIS FIELD CROPS	225	74.6	243.9	2248	0	440	474	0	0	8	3169	608	791	8018	493	2480	828	16385
209 CNTR WEEDS FLD CROPS	108	31.9	145.2	847	0	288	85	57	0	12	1290	368	372	4378	408	1878	468	9263
210 CONTR PESTS ANIMALS	41	10.8	34.8	438	0	68	0	0	32	0	540	184	159	982	111	218	50	2224
211 CONTR DIS ANIMALS	587	197.7	853.9	2188	0	1308	2198	0	1428	88	7188	254	5897	24388	8395	4048	3033	53314
212 CNTR INTER PARASITES	34	8.1	15.0	93	0	48	0	0	24	0	188	0	497	882	121	128	138	1933
213 PROT ANMLS FROM TOXI	50	11.4	38.2	222	0	48	0	0	38	0	308	140	300	1940	393	118	98	2998
214 PROTECT FROM POLLUTI	48	11.9	30.8	180	7	87	14	0	28	298	91	588	1525	174	210	347	3212	
SUBTOTAL			1582.8		324		3583		1524		17871		8781		10734		8893	
		483.6		9180		3078		57		147		3108		57051		12318		117758
SERIES 300																		
301 GENET BREED FORST TR	31	9.4	36.3	0	408	0	20	0	0	114	542	13	122	1328	134	90	287	2515
302 IMP FOREST ENG SYS	1	0.0	0.3	0	0	0	0	0	0	0	0	0	0	5	9	0	0	14
303 ECON TIMBER PRODUCTN	13	2.2	5.7	2	89	0	0	0	0	0	91	7	51	282	82	22	88	560
304 IMP BIO EFF FRT & VE	178	45.8	194.5	1838	0	878	358	254	0	0	2927	145	1241	8180	437	914	758	14582
305 MECH PROD FRT & VEGS	11	1.0	5.2	80	0	0	0	0	0	0	80	1	21	183	1	21	21	308
306 PROD MGMT SYS F & V	19	3.0	15.0	87	0	78	0	28	0	0	194	8	20	538	180	28	58	1018
307 IMP BIO EFF FLO CRP	421	157.6	842.8	4313	0	1205	1788	0	0	28	7332	1358	3489	21708	3852	4807	2440	44783
308 MECH PROD FIELD CROP	28	5.8	18.4	171	0	18	0	0	0	0	189	19	108	822	78	105	23	1344
309 PROD MGMT SYS FLO CR	120	24.7	85.5	613	8	467	0	141	0	0	1229	92	83	3535	676	551	234	8377
310 ANIMAL REPRODUCTION	201	88.4	314.4	2567	0	21	1133	478	80	43	4310	526	2089	11398	4087	1381	247	24058
311 IMP BIO EFF ANML PR	381	130.7	817.3	5984	0	185	1812	0	82	1	8024	1038	1270	25331	17818	4120	981	58380
312 ENV STRESS IN ANML P	60	12.0	52.4	448	0	0	57	0	28	0	531	110	807	1683	951	285	78	4225
313 PROD MGMT SYS ANML P	100	22.8	95.1	803	0	132	0	155	3	0	892	134	82	4519	1547	422	378	7972
314 BEES OTH POLLNTNG IN	8	2.1	3.2	21	0	0	50	0	0	0	71	17	1	213	8	1	103	413
315 IMP STRUC FARM SUPP	28	11.0	33.2	352	0	2	0	0	0	0	353	33	54	1210	345	334	108	2435
316 FARM BUSINESS MGMT	48	11.3	18.4	412	0	2	0	0	0	0	414	105	124	1171	71	83	124	2091
317 MECH/STRUCTS ANML PR	14	2.8	8.7	51	0	0	0	0	0	0	51	0	0	328	88	41	54	541
318 NON COM BIO TECH/BIM	408	135.1	538.0	2474	90	348	3375	0	11	0	6298	760	17550	18278	1398	3203	1148	48838
SUBTOTAL			2883.1		593		8591		205		33525		28902		31331		7112	
		843.9		19780		3118		1055		185		4384		100843		16384		220281
SERIES 400																		
401 NEW IMP FOREST PROD	45	17.9	47.6	141	298	804	802	0	0	0	1843	103	130	1988	34	578	883	4837
402 PROD F & V IMP ACCEP	83	13.2	48.8	341	0	31	32	0	0	0	404	23	181	2214	78	523	247	3881
403 NEW & IMP F & V PROD	44	9.4	41.3	283	0	11	28	0	0	0	323	48	170	1120	122	475	184	2441
404 MKT QUAL FRTS & VEGS	34	10.8	19.4	274	0	108	0	0	0	0	383	88	145	1374	22	251	108	2348
405 PROD FLO CROP IMP AC	103	38.3	180.8	1011	0	848	0	0	0	0	1859	853	325	4978	818	1275	888	10373
408 NEW IMP FOOD FLD CRO	97	28.5	128.2	854	0	1507	148	0	0	4	2312	125	384	3707	338	1708	841	9211
407 NEW IMP NON FOOD FC	70	18.2	71.4	383	0	1535	108	0	0	28	2052	78	207	2025	287	1003	418	6088
408 MKT QUAL FIELD CROPS	27	9.0	40.3	251	0	0	85	0	0	0	315	108	1073	928	45	288	284	3020
408 PROD ANML PR IMP ACC	81	19.9	88.9	834	0	157	0	0	0	0	990	147	88	3338	1282	988	155	7010
410 IMP MEAT MILK EGG PR	93	27.3	91.9	887	0	148	0	0	0	0	1018	75	100	3451	584	1779	358	7384
411 IMP NON FOOD ANML PR	8	1.3	8.1	14	0	50	0	0	0	0	84	7	48	184	0	88	181	514
412 MKT QUAL ANIMAL PROD	19	4.3	11.5	135	0	0	0	0	0	0	135	34	10	530	15	488	5	1195
SUBTOTAL			758.4		298		984		0		11297		2882		3422		4109	
		194.0		5187		4800		0		30		1488		25495		9381		58084
SERIES 500																		
501 IMP GRADES & STANDS	10	1.8	12.8	148	0	0	0	0	0	0	148	55	138	248	28	123	110	850
502 MKTG TIMBER PRODUCTS	5	1.3	4.1	0	81	0	0	0	0	0	81	3	0	120	0	37	31	252
503 MKTG EFF AGRI PRODS	38	10.7	23.3	287	0	95	0	0	0	0	382	178	248	1101	8	488	118	2523
506 SPLY DEMAND AND PRIC	40	11.5	29.2	308	0	481	0	40	0	0	828	118	12	1188	18	47	85	2257
507 COMP REL IN AGRIC	23	6.5	10.7	178	0	193	1	0	0	0	338	28	83	817	33	52	13	1145
508 DOMESTIC MKT DEVELP	20	4.2	18.9	28	0	595	0	48	0	0	668	382	23	550	5	37	282	1947
508 PERFORMANCE MKTG SYS	48	14.1	31.6	668	0	193	1	0	0	0	863	137	10	1380	38	23	143	2574
510 GROUP ACT MKT POWER	7	0.8	2.8	40	0	28	0	0	0	0	68	0	0	92	12	1	25	198
511 IMP AGRIC STATISTICS	12	3.2	11.2	45	0	57	0	0	0	0	102	55	0	458	21	0	142	778
512 IMP GRADES FRST PROD	2	0.5	3.0	0	28	22	0	0	0	0	50	7	3	55	4	70	0	189
513 PRICE ANAL FRST PROD	5	0.2	0.8	0	4	0	0	0	0	0	4	0	0	25	1	3	0	33
SUBTOTAL			148.1		83		1		0		3514		487		188		927	
		54.8		1701		1832		88		0		985		5783		883		12747
SERIES 800																		
801 FGN MKT DEVELP	58	23.8	57.7	478	0	1388	127	0	0	2	2007	158	2850	1834	28	320	253	7251
802 EVAL FGN FOOD AID PG	1	0.3	0.8	2	0	0	0	0	0	0	2	44	2	23	0	0	0	71
803 TECH AID DEV CRTY	7	3.0	18.5	13	0	8	0	0	0	0	22	8	3139	313	21	385	28	3915
804 PRD DVLPMT/MKTG FRGN	12	1.7	5.2	17	0	105	44	0	0	0	186	52	37	230	50	40	1	578
SUBTOTAL			83.2		0		170		0		2197		5828		100		283	
		28.8		512		1513		0		2		281		2401		745		11813

SAES REGION 3 NORTH CENTRAL REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	29	5.2	26.9	101	0	377	0	0	0	0	479	95	123	759	103	107	38	1874
702 FOOD PROT FROM TOX	82	19.7	89.8	580	0	553	103	0	0	0	1235	140	825	2388	191	1584	348	6468
703 FOOD CONSUMP HABITS	44	11.3	19.1	273	0	0	0	42	0	0	315	138	43	1108	73	198	24	1885
704 HOME COMM FOOD SERV	13	2.5	3.9	123	0	0	0	0	0	0	123	0	0	272	2	80	16	473
705 SEL CARE CLOTH & TEX	11	3.3	4.2	99	0	0	0	0	0	0	99	0	0	400	0	14	1	513
706 CONTR INSECTS AFF MA	15	3.3	12.6	73	0	0	0	0	0	0	73	3	195	477	6	116	75	844
707 TRANS ANIML MAN DIS	4	1.8	3.5	57	0	0	0	0	0	0	57	0	219	188	46	20	17	548
708 HUMAN NUTRITION	128	40.0	127.8	999	0	52	582	566	0	0	2219	1243	3311	4255	139	1181	534	12882
709 REDUCE HAZ HLTH & SF	20	5.3	10.2	93	0	0	0	0	0	0	93	0	192	821	5	112	46	1072
SUBTOTAL			277.7		0		885		0		4893		4707		538		1100	
		92.4		2398		982		628		0		1587		10474		3399		28466
SERIES 800																		
801 RURAL HOUSING	16	4.1	5.4	84	0	10	0	0	0	0	104	0	12	433	4	0	56	612
802 INDIV & FAM DEC MAKI	68	14.0	20.8	300	0	10	0	48	0	0	357	55	141	1807	31	68	43	2301
803 RURAL POVERTY	4	0.4	0.5	7	0	0	0	0	0	0	7	0	0	38	0	0	1	46
804 ECON POTENT RURL PEO	23	4.1	15.9	200	0	45	37	0	0	0	283	31	5	578	25	3	67	891
805 COMMUNICAT EDUC PROC	38	14.5	28.3	53	15	78	0	0	0	0	146	31	126	2510	61	205	78	3158
806 ADJUSTMENT TO CHANGE	71	27.0	79.0	447	0	0	0	5	0	0	452	5	3008	2408	1430	175	148	7624
807 AGRIC ECONOMIC CHANG	82	18.5	36.1	520	0	253	0	5	0	0	777	73	88	1510	23	85	481	3015
808 GOVT PROGRAMS	28	7.8	22.8	240	9	444	0	0	0	0	883	80	0	783	17	11	54	1818
SUBTOTAL			211.8		24		37		0		2819		3338		1591		831	
		88.2		1880		840		58		0		284		8638		545		16385
SERIES 900																		
901 ALLEV POLLUTION	186	51.3	182.1	1173	38	2800	808	0	0	944	5584	648	1583	5758	708	1330	1138	16741
902 OUTDOOR RECREATION	27	7.8	32.1	87	85	32	0	0	0	0	185	234	728	1388	18	31	275	2813
903 MULTI USE FOREST POT	25	6.0	22.8	87	188	0	0	0	0	0	283	283	112	784	73	34	857	2078
904 WLDLFE AND FISH ECOL	108	28.0	182.9	525	30	825	0	0	1	15	1188	488	3052	3308	414	830	1881	10823
905 TREES BEAUTIFICATION	28	5.3	18.3	118	44	0	0	0	0	0	162	41	22	718	28	85	184	1228
906 ORNAMENT & TURF DEV	88	28.0	104.9	998	5	1	0	0	0	0	871	82	83	3858	150	1220	851	6725
907 RURAL INCOME IMP	45	8.5	18.5	258	0	221	38	10	0	0	528	81	11	927	58	45	83	1714
908 RURAL INSTITUT IMP	58	13.8	28.7	442	0	288	0	0	0	0	730	81	74	1314	137	74	102	2522
SUBTOTAL			571.3		348		847		1		9270		5882		1583		4881	
		147.7		3337		3897		10		858		1918		17888		3428		44738
SCIENCE IN SERV OF MAN																		
GRAND TOTAL			7348.7		3388		15171		1728		88004		87788		52783		32770	
	1847.1			48731		22288		1938		2810		16780		258871		52288		577381

TABLE IV-B SUMMARY BY COMMODITY OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	313	77.9	258.4	1903	140	1081	198	0	0	0	3023	1187	3303	10928	877	1283	1082	21472
0200 WATER	273	70.8	232.9	1421	45	598	130	0	0	42	2238	1272	4450	8284	558	1030	1111	18812
0300 WATERSHEDS RIVER BAS	101	19.2	70.3	145	138	8	4	0	0	0	283	851	793	2702	182	78	998	5587
0400 AIR AND CLIMATE	43	12.5	59.0	149	31	8	0	0	0	0	185	172	1730	1585	38	123	170	4004
0500 RECREATION RESOURCES	51	17.0	41.9	91	119	0	0	0	0	128	338	398	539	1239	455	49	433	3449
0600 TIMBER FORST PRODUCT	441	150.8	470.5	533	2889	1232	1109	0	0	170	5909	4395	5094	15875	3348	3304	2998	40558
0700 RANGE	172	53.8	122.8	513	389	381	28	0	0	45	1333	709	3190	5844	274	322	1007	12479
0800 WILDLIFE AND FISH	221	93.1	283.1	910	331	1783	437	0	58	98	3301	1080	5088	11027	220	730	2537	23983
0900 CITRUS SUB TROP FRUT	89	31.7	100.1	411	0	922	133	0	0	0	1188	185	273	9284	182	1115	950	9845
1000 FRUIT NUTS DECIDUOUS	247	102.1	331.2	2340	0	984	188	0	0	0	3191	892	1248	19488	490	3895	1410	27834
1100 POTATOES	91	32.1	85.0	958	0	999	54	0	0	88	1467	487	407	3580	348	511	501	7291
1200 VEGETABLES	355	119.8	403.0	3942	0	948	1213	0	0	0	5803	820	2314	17027	472	3599	1858	31892
1300 ORNAMENTALS TURF	99	32.8	99.1	588	0	338	97	0	0	0	1021	104	172	5083	180	785	503	7849
1400 CORN	82	14.1	92.4	278	0	93	738	0	0	48	1122	498	893	1923	320	245	139	5141
1500 GRAIN SORGHUM	18	1.4	5.7	100	0	118	0	0	0	0	218	4	3	208	15	8	8	491
1800 RICE	18	5.4	13.1	28	0	0	0	0	0	81	120	1	155	825	9	70	110	1087
1700 WHEAT	208	93.2	174.9	1082	0	488	387	0	0	48	2023	995	1228	7210	877	1008	1192	14334
1800 OTHER SMALL GRAINS	131	31.2	98.7	752	0	345	231	0	0	0	1328	237	601	3914	381	551	948	7881
1900 PASTURE	23	2.5	4.8	28	12	18	0	0	0	0	81	38	88	243	30	7	31	479
2000 FORAGE CROPS	158	35.1	106.7	1148	0	43	285	0	0	0	1455	888	727	5105	411	531	985	9894
2100 COTTON	58	19.7	72.4	210	0	24	98	0	0	0	300	300	283	3220	88	920	387	5200
2200 COTTONSEED	2	0.8	1.7	10	0	0	0	0	0	0	10	3	8	72	1	0	8	101
2300 SOYBEANS	24	3.2	11.1	73	0	92	153	0	0	0	318	8	192	508	3	88	10	1085
2400 PEANUTS	3	0.3	0.8	7	0	0	0	0	0	0	7	0	8	38	2	3	0	58
2500 OTHER OILSEED CROPS	44	15.8	38.2	157	0	230	198	0	0	71	854	505	84	1458	158	295	40	3178
2800 TOBACCO	5	1.0	4.2	18	0	0	73	0	0	0	88	17	95	122	3	0	3	330
2700 SUGAR CROPS	33	8.4	17.5	148	0	24	0	0	0	0	172	18	184	1258	20	212	21	1883
2800 MISC NEW CROPS	71	17.8	58.8	350	0	148	0	0	0	218	717	278	828	2589	128	383	432	5355
2900 POULTRY	73	26.8	78.8	491	0	80	184	0	88	0	801	124	828	3030	285	287	287	5823
3000 BEEF CATTLE	277	115.8	509.8	1617	8	212	758	0	548	0	3442	378	10253	14288	7878	2910	3338	42485
3100 DAIRY CATTLE	198	58.8	251.2	707	0	197	288	0	277	0	1447	328	3208	7877	1573	3108	1242	18484
3200 SWINE	51	11.3	38.0	258	0	28	217	0	18	40	558	12	485	1457	207	87	127	2941
3300 SHEEP AND WOOL	140	42.8	147.8	1200	0	142	587	0	172	0	2101	383	2737	8085	1273	383	452	13424
3400 OTHER ANIMALS	112	48.1	173.0	411	0	22	370	0	148	0	948	297	7247	8013	852	1484	473	17285
3500 BEES AND HONEY	22	8.5	12.1	198	0	0	0	0	0	0	188	100	23	878	3	110	23	1408
3800 FARM SUPP & FACILITS	11	1.5	3.3	18	0	0	0	0	0	0	18	38	4	221	14	48	117	480
3700 CLOTHING & TEXTILES	22	5.0	7.8	100	0	0	0	0	0	0	100	1	12	580	0	214	20	838
3800 FOOD	82	34.7	83.4	478	0	270	98	0	4	0	817	113	1317	4375	101	1885	351	8838
3900 HOUSING & EQUIP	18	4.8	15.5	41	18	38	0	0	0	0	97	81	65	898	128	67	125	1231
4000 PEOPLE AS INDIVIDUAL	143	42.8	99.1	888	20	33	228	0	5	0	955	26	1730	5139	28	885	381	8944
4100 FAMILY MEMBERS	58	12.8	28.7	293	0	28	7	0	1	0	331	30	473	1104	8	54	248	2248
4200 FARM AS BUSINESS	28	8.8	8.8	128	0	100	8	0	0	0	235	32	48	803	44	13	32	1208
4300 SOC POLIT ORGANIZ	70	15.8	28.1	205	93	21	28	0	0	84	408	102	702	1501	48	130	188	3078
4400 AGRIC ECONOMY U S	23	11.5	18.2	57	0	34	0	0	0	45	138	18	324	1270	24	141	7	1918
4500 AGRIC ECONOMY FORGN	10	4.5	7.4	15	0	8	0	0	0	1	25	15	208	535	8	45	1	835
4800 FARM COOPERATIVES	2	0.8	0.7	0	0	0	0	0	0	0	0	0	0	78	0	5	0	83
4700 OTH MARKET PROCESS	3	0.8	5.8	25	0	28	0	0	0	0	50	38	1	114	4	28	8	245
4800 MARKETING SYSTEMS	18	8.1	14.7	184	0	28	0	0	0	0	210	20	118	880	4	190	0	1424
8100 WEEDS	38	8.4	24.2	178	0	83	47	0	0	0	308	80	128	1018	28	108	582	2252
8200 SEED RESEARCH	27	7.8	22.8	128	0	0	52	0	0	158	337	87	398	1117	102	121	28	2137
8300 BIO CELL SYSTEMS	55	20.3	87.8	357	0	184	118	0	4	0	881	14	3147	2838	158	730	78	7728
8400 EXP DESIGN/STAT METH	20	5.8	8.3	108	10	0	52	0	0	0	170	22	80	812	2	8	1	888
8500 INVERTEBRATES	158	48.3	170.2	822	10	81	512	0	14	0	1218	508	3480	7088	120	818	248	13588
8800 MICROORGANISMS VIRUS	185	43.8	134.2	881	14	101	2187	0	0	0	2845	82	2548	5885	50	837	243	12408
8700 PLANTS	300	100.5	374.7	1148	0	1132	2147	0	0	0	4425	1540	8133	14102	425	1781	852	28038
8800 ANIMALS(VERTEBRATES)	108	85.8	373.4	388	0	23	430	0	24	0	845	158	8573	15388	455	1835	442	27884
8900 RESEARCH ON RSCH MGM	15	8.8	4.8	181	0	34	0	0	0	1528	1742	31	34	183	30	1	8	2041
7000 RSCH EQUIP & TECHNOL	43	11.8	82.3	155	52	0	40	0	0	84	340	1418	1488	1023	18	288	322	4888
TOTAL		1841.8	5888.4	28218	4248	12782	13884	0	1371	3004	83584	22442	89833	240088	23523	38308	28388	508933

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	MATH /RRP	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	51	12.5	29.7	277	44	83	0	0	0	0	384	175	557	1678	105	155	124	3177
102 SOIL PLNT WTR NUTRI	208	53.3	163.9	1144	241	429	400	0	0	42	2255	411	2183	7005	475	937	1015	14280
103 MGMT OF SALINE SOILS	36	8.3	36.0	214	0	32	185	0	0	0	411	185	135	1315	12	156	133	2347
104 ALTERN USE OF LAND	51	10.1	20.9	140	11	2	0	0	0	0	153	95	339	1170	76	42	152	2027
105 CONSERV USE OF WATER	121	23.4	79.6	864	89	163	15	0	0	0	931	388	1260	2958	252	288	480	6532
106 DRAIN AND IRRIGATION	52	14.0	53.2	247	0	37	5	0	0	0	289	388	780	2172	71	293	302	4275
107 WATERSHED PROT & MGM	94	20.6	66.2	154	124	120	20	0	0	0	418	997	385	2505	246	99	428	5078
108 ECON LEG PROB OF WAT	26	11.9	22.4	155	0	3	5	0	0	0	163	114	619	990	35	20	123	2084
109 WEATHER ADAPT & MOD	49	16.3	82.6	207	43	34	0	0	0	0	284	191	3101	1875	93	153	104	5802
110 APPRAIS FORST & RANG	92	20.0	88.6	53	232	19	7	0	0	0	311	667	1842	1831	72	91	1017	5631
111 BIOL CULT MGMT FORST	142	61.7	174.5	107	1194	13	282	0	0	0	1596	2561	3041	5455	1892	931	842	16317
112 IMPROV RANGE RESOR	99	27.9	59.3	283	253	180	22	0	0	0	718	308	914	3592	208	133	290	6126
113 REMOTE SENSING	34	9.3	36.9	27	123	0	0	0	0	0	151	319	908	911	35	87	475	2887
114 RSCH ON MGMT OF RSCH	15	8.6	4.6	181	0	34	0	0	0	1528	1742	31	34	193	30	1	9	2041
SUBTOTAL		298.0	918.5	3852	2354	1110	922	0	0	1570	9808	6805	15880	33647	3600	3362	5485	78587
SERIES 200																		
201 CNTRL FORST INSECTS	50	9.7	32.8	71	153	0	181	0	0	0	405	107	448	868	141	129	79	2177
202 CONTROL FOREST DIS	27	7.2	23.8	120	148	4	36	0	0	0	308	171	313	895	134	80	91	1992
203 FOREST FIRE PROTECT	14	3.2	8.2	2	28	0	0	0	0	61	92	139	104	339	1	1	35	710
204 CNTR PESTS FRT & VEG	176	49.7	201.7	1754	0	833	151	0	0	0	2537	338	1035	8212	254	2018	959	15353
205 CNTR DISE FRT & VEG	227	82.0	257.0	1905	0	1091	820	0	0	0	3816	774	1134	12587	322	2844	1284	22319
206 CNTR WEEDS FRT & VEG	50	11.1	36.8	424	0	405	147	0	0	0	975	167	197	1400	51	267	139	3196
207 CNTR PESTS FLD CROPS	131	35.3	117.0	605	0	232	113	0	0	66	1017	1125	879	4498	168	509	291	8487
208 CNTR DIS FIELD CROPS	130	37.5	106.4	754	0	220	381	0	0	2	1356	215	788	5124	126	938	721	9268
209 CNTR WEEDS FLD CROPS	77	27.6	66.4	471	20	350	78	0	0	0	919	450	212	3069	261	267	784	5961
210 CONTR PESTS ANIMALS	26	6.4	20.6	113	0	7	0	0	48	0	169	7	314	926	18	126	48	1609
211 CONTR DIS ANIMALS	221	147.5	678.0	522	0	284	986	0	807	40	2619	1044	14324	23030	4931	2520	2305	50772
212 CNTR INTER PARASITES	33	10.5	43.9	261	0	79	63	0	154	0	557	13	841	1000	111	320	79	2722
213 PROT ANMLS FROM TOXI	28	29.0	144.6	72	8	42	0	0	83	0	208	138	5205	1151	1861	2017	2113	12491
214 PROTECT FROM POLLUTI	56	22.2	121.8	228	28	148	92	0	3	94	593	1410	5083	2024	46	335	347	9838
SUBTOTAL		478.9	1861.0	7300	387	3475	2847	0	1098	262	15367	6098	30878	65103	8226	12189	9258	146897
SERIES 300																		
301 GENET BREED FORST TR	20	8.9	31.3	28	178	19	111	0	0	0	337	154	152	1053	129	571	99	2498
302 IMP FOREST ENG SYS	17	4.7	13.3	6	86	190	18	0	0	0	300	228	19	577	111	4	13	1251
303 ECON TIMBER PRODUCTN	11	2.1	4.4	0	126	89	0	0	0	0	195	0	13	215	10	0	12	445
304 IMP BIO EFF FRT & VE	246	87.7	296.8	1886	0	780	982	0	0	0	3827	687	1138	14277	525	2690	830	23773
305 MECH PROD FRT & VEGS	11	4.0	8.5	78	0	0	0	0	0	0	78	58	75	488	28	115	41	883
306 PROD MGMT SYS F & V	33	9.0	20.9	177	0	2	0	0	0	0	179	59	132	1281	55	46	86	1787
307 IMP BIO EFF FLO CRP	254	90.4	275.2	1744	0	609	1528	0	0	258	4140	1429	3554	11554	1079	1519	1354	24928
308 MECH PROD FIELD CROP	10	2.0	8.4	73	0	0	0	0	0	0	73	8	209	337	2	92	4	724
309 PROD MGMT SYS FLO CR	62	14.2	35.6	280	0	194	0	0	0	0	454	80	108	1799	229	244	170	3084
310 ANIMAL REPRDOUCTION	110	38.6	141.0	1228	0	34	900	0	39	0	2202	139	2673	5884	1858	922	384	14040
311 IMP BIO EFF ANML PR	173	69.4	224.9	1581	0	39	510	0	57	0	2186	144	1175	11232	2853	1786	549	19704
312 ENV STRESS IN ANML P	28	9.5	43.4	188	0	23	0	0	4	0	213	2	492	1881	583	142	100	3393
313 PROD MGMT SYS ANML P	33	8.8	18.6	170	0	59	0	0	0	0	230	2	8	1127	323	83	57	1807
314 BEES OTH POLLNTNG IN	22	6.5	12.1	169	0	0	0	0	0	0	169	100	23	978	3	110	23	1408
315 IMP STRUC FARM SUPP	10	1.8	5.9	17	0	0	0	0	0	0	17	42	11	288	138	82	125	882
316 FARM BUSINESS MGMT	18	5.7	5.7	110	0	0	0	0	0	0	110	31	15	681	42	10	32	921
317 MECH/STRUCTS ANML PR	2	0.1	1.5	3	0	0	0	0	0	0	3	0	1	70	41	1	8	123
318 NON COM BIO TECH/BIM	409	160.0	570.9	1765	10	196	3552	0	6	0	5529	1488	14901	21853	609	3459	950	48589
SUBTOTAL		523.3	1718.2	9461	400	2214	7581	0	108	258	20021	4846	24698	75298	8415	11854	4817	149747
SERIES 400																		
401 NEW IMP FOREST PROD	49	21.7	75.5	35	284	455	272	0	0	108	1158	183	122	3021	727	774	7	5991
402 PROD F & V IMP ACCEP	71	13.8	53.7	196	0	321	87	0	0	0	584	89	115	2686	128	592	248	4440
403 NEW & IMP F & V PROD	39	12.5	24.7	165	0	73	75	0	0	88	401	0	138	1522	45	510	127	2744
404 MKT QUAL FRTS & VEGS	46	19.3	54.3	286	0	140	0	0	0	0	426	179	719	2802	36	1024	117	5104
405 PROD FLD CROP IMP AC	57	22.0	75.3	340	0	82	48	0	0	70	518	521	528	2887	218	605	398	5675
406 NEW IMP FOOD FLO CRD	31	7.5	27.3	220	0	32	94	0	0	0	346	13	83	922	45	261	92	1742
407 NEW IMP NON FOOD FC	14	6.4	19.3	29	0	69	14	0	0	144	257	32	71	1126	105	55	56	1702
408 MKT QUAL FIELD CROPS	14	3.2	8.0	81	0	1	8	0	0	91	178	4	22	354	34	198	4	793
409 PROD ANML PR IMP ACC	23	5.8	14.7	274	0	58	0	0	0	0	332	0	75	745	183	127	32	1474
410 IMP MEAT MILK EGG PR	40	11.4	28.3	149	0	0	0	0	15	0	164	2	221	1038	25	972	371	2791
411 IMP NON FOOD ANML PR	7	2.2	5.5	78	0	8	0	0	0	0	86	0	0	292	1	100	10	487
412 MKT QUAL ANIMAL PROD	7	1.9	10.0	49	0	0	0	0	0	0	49	2	243	360	51	158	13	878
SUBTOTAL		127.6	396.6	1902	284	1217	575	0	15	503	4495	1026	2317	17553	1578	5375	1476	33821
SERIES 500																		
501 IMP GRADES & STANDS	9	1.6	3.8	50	0	15	0	0	0	0	68	31	8	201	8	1	2	314
502 MKTG TIMBER PRODUCTS	10	1.5	5.3	12	0	127	0	0	0	0	139	21	8	197	0	52	2	418
503 MKTG EFF AGRI PRDOS	18	6.7	11.4	50	0	128	0	0	0	0	178	23	15	806	5	120	592	1538
504 SPLY DEMAND AND PRIC	32	9.1	11.8	284	0	55	0	0	0	0	340	29	23	986	27	51	59	1514
507 COMP REL IN AGRIC	9	2.1	2.2	16	0	2	0	0	0	0	18	2	35	179	13	4	7	259
508 DOMESTIC MKT DEVELP	15	2.2	4.2	52	0	0	32	0	0	0	84	29	5	257	2	46	27	451
509 PERFORMANCE MKTG SYS	28	9.4	17.3	212	0	51	0	0	0	0	263	42	90	799	10	177	8	1387
510 GROUP ACT MKT POWER	3	0.8	1.6	59	0	0	0	0	0	0	59	4	0	105	0	12	0	181
511 IMP AGRIC STATISTICS	9	1.2	3.2	63	0	0	28	0	0	0	89	0	98	90	0	89	0	367
512 IMP GRADES FRST PROD	3	0.7	0.7	0	79	0	0	0	0	0	79	0	0	20	0	0	0	99
513 PRICE ANAL FRST PROD	7	1.1	1.7	7	0	0	0	0	0	0	7	43	4	93	1	18	2	187
SUBTOTAL		36.4	63.3	906	79	380	58	0	0	0	1322	223	285	3534	69	571	695	6897
SERIES 600																		
601 FGN MKT DEVELP	49	16.9	34.2	124	0	558	149	0	0	46	876	67	504	2141	31	321	79	4018
602 EVAL FGN FOOD AID PG	1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7
603 TECH AID DEV CRTY	11	2.5	11.9	9	0	0	0	0	0	0	9	50	216	307	13	79	157	826
604 PRO DVLPMT/MKTG FRGN	17	8.5	13.3	15	0	1	0	0	0	0	16	70	31	1034	12	3	32	1198
SUBTOTAL		28.0	59.6	149	0	559	149	0	0	46	901	187	751	3488	59	399	268	8050

TABLE IV-O SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	28	10.2	32.9	192	0	302	0	0	85	0	549	93	889	1121	10	49	125	2803
702 FOOD PROT FROM TOX	42	18.1	52.7	382	0	47	370	0	12	0	811	112	1020	2058	30	481	102	4854
703 FOOD CONSUMP HABITS	37	8.4	19.9	205	0	54	20	0	0	0	279	21	274	807	10	101	97	1558
704 HOME COMM FOOD SERV	1	0.0	0.0	1	0	0	0	0	0	0	1	0	0	4	0	0	0	4
705 SEL CARE CLOTH & TEX	19	4.1	9.2	90	0	0	0	0	0	0	90	1	8	485	0	213	18	815
709 CONTR INSECTS AFF MA	24	12.0	39.3	191	18	0	0	0	0	0	178	98	520	1902	27	274	98	3053
707 TRANS ANIML MAN DIS	14	3.2	7.0	28	0	0	0	0	5	0	30	4	177	434	4	112	33	794
708 HUMAN NUTRITION	90	34.8	120.9	918	0	18	505	0	0	0	1139	192	1897	4007	28	1184	281	8978
709 REDUCE HAZ HLTH & SF	15	5.3	11.1	81	0	0	0	0	0	0	81	4	139	915	2	24	28	888
SUBTOTAL		98.0	289.0	1724	18	420	895	0	102	0	3159	483	4919	11472	110	2438	727	23287
SERIES 800																		
801 RURAL HOUSING	8	1.1	0.9	45	0	0	0	0	0	0	45	1	1	119	1	9	0	173
802 INDIV & FAM DEC MAKI	54	9.5	14.6	139	0	9	0	0	0	0	148	3	150	918	5	19	147	1387
803 RURAL POVERTY	5	0.5	0.4	0	9	9	0	0	0	0	19	0	10	33	1	3	12	78
804 ECON POTENT RURL PEO	21	4.9	14.0	22	11	9	29	0	0	0	98	57	528	489	5	15	17	1179
805 COMMUNICAT EDUC PROC	29	9.2	9.5	21	9	9	0	0	0	0	39	20	197	944	8	14	228	1149
809 ADJUSTMENT TO CHANGE	91	13.9	21.5	271	3	9	0	0	0	0	283	2	921	1187	5	62	70	2231
807 AGRIC ECONOMIC CHANG	22	5.9	4.9	63	0	100	13	0	0	0	175	5	48	585	1	51	14	889
808 GOVT PROGRAMS	9	4.4	7.9	35	0	0	0	0	0	45	79	7	109	598	3	48	0	814
SUBTOTAL		45.5	73.9	595	32	145	39	0	0	45	857	94	1993	4552	28	219	489	7899
SERIES 900																		
901 ALLEV POLLUTION	189	58.5	220.2	942	0	1179	449	0	0	0	2584	820	2780	7971	419	1387	1429	17077
902 OUTDOOR RECREATION	48	19.3	39.8	89	82	0	0	0	0	128	299	380	523	1202	423	58	379	3257
903 MULTI USE FOREST POT	41	15.5	31.3	40	389	8	0	0	0	0	414	542	991	1120	243	44	540	3893
904 WLDLFE AND FISH ECOL	179	78.0	213.1	552	194	1982	385	0	51	98	2963	1092	3802	9250	131	500	2202	19810
905 TREES BEAUTIFICATION	18	4.2	12.3	83	0	0	0	0	0	0	83	29	25	931	25	112	12	917
909 ORNAMENT & TURF DEV	89	31.0	92.1	575	0	338	97	0	0	0	1010	59	177	4817	192	748	483	7453
907 RURAL INCOME IMP	24	3.1	9.9	49	25	19	0	0	0	84	174	11	49	309	2	19	17	582
908 RURAL INSTITUT IMP	32	3.7	9.0	108	25	19	0	0	0	10	191	0	87	422	41	54	114	880
SUBTOTAL		210.2	921.7	2431	992	3241	928	0	51	321	7894	2900	8444	25422	1443	2923	5173	53998
SCIENCE IN SERV OF MAN GRAND TOTAL		1841.9	5998.4	28218	4249	12792	13994	0	1371	3004	93594	22442	89933	240099	23523	39308	28399	509933

TABLE IV-S SUMMARY BY COMMODITY OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

	CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRD	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100	SOIL AND LAND	1186	304.7	1130.5	7884	285	3404	800	0	0	57	12440	3378	10428	37740	2888	5884	9375	61854
0200	WATER	895	200.4	723.7	4582	241	2838	413	0	0	20	8095	2772	8534	25981	1500	3037	4771	54390
0300	WATERSHEDS RIVER BAS	198	34.1	114.5	703	118	251	58	0	0	1	1192	1088	1035	3890	254	419	1583	9385
0400	AIR AND CLIMATE	113	40.0	148.4	1112	22	8	0	0	0	0	1142	280	2982	4352	335	309	815	9592
0500	RECREATION RESOURCES	94	28.3	75.0	375	192	78	0	0	0	128	774	925	1084	3272	73	180	504	8501
0600	TIMBER FORST PRODUCT	938	352.3	1093.2	2833	10372	1708	1803	0	0	0	19315	8550	8383	42947	2442	5818	5943	88535
0700	RANGE	247	82.9	291.9	1442	258	338	30	0	7	45	2118	1188	4188	10888	2488	575	882	22218
0800	WILDLIFE AND FISH	698	272.2	1022.8	3428	850	3445	748	0	188	18	8742	2887	15841	31883	1187	3818	10383	74781
0900	CITRUS SUB TROP FRUT	255	104.5	324.3	1571	0	882	188	0	0	0	2741	842	787	18888	308	1555	1583	24811
1000	FRUIT NUTS DECIDUOUS	808	272.8	1188.4	7885	18	2513	288	0	0	0	10482	1888	2178	48352	2208	8348	4083	73524
1100	POTATOES	314	81.2	403.8	2508	0	1828	388	0	0	0	4828	1588	1481	12227	780	1818	1481	24188
1200	VEGETABLES	1274	408.7	1710.7	12318	0	3810	2388	0	0	0	18328	2484	8578	81172	2131	7880	9280	103888
1300	ORNAMENTALS TURF	542	187.7	655.8	5812	8	813	212	0	0	0	8745	435	1085	28218	784	4487	3885	45728
1400	CORN	871	188.8	783.0	5857	0	1183	1941	0	0	0	8980	1383	5107	28853	2830	8878	2838	54257
1500	GRAIN SORGHUM	228	47.8	201.1	883	0	310	118	0	4	0	1382	448	2388	8858	858	818	788	13837
1800	RICE	151	53.0	231.8	858	0	332	35	0	0	0	1025	738	1831	8711	371	1744	2480	14870
1700	WHEAT	708	185.8	858.0	4072	0	888	758	0	0	0	5800	2374	3118	24038	2488	2884	3875	44458
1800	OTHER SMALL GRAINS	348	75.8	308.0	1873	0	458	183	0	0	0	2508	727	1273	10885	1251	2838	1811	20780
1900	PASTURE	120	18.5	78.0	888	12	48	0	0	0	0	828	114	121	3007	420	188	184	4888
2000	FORAGE CROPS	883	158.4	850.8	8010	0	488	448	0	0	0	8858	2370	1818	24718	3378	2257	1883	43152
2100	COTTON	318	100.8	388.4	2288	0	724	208	0	0	8	3203	788	1358	14388	1147	3228	1378	25458
2200	COTTONSEED	8	1.2	3.8	11	0	0	0	0	0	0	11	4	18	177	8	14	10	243
2300	SOYBEANS	758	181.0	884.7	4884	0	1878	788	0	0	0	7424	814	2488	25551	1854	4881	3878	48807
2400	PEANUTS	152	44.1	180.8	881	0	158	0	0	0	0	1048	444	880	7178	412	874	1881	12138
2500	OTHER OILSEED CROPS	181	38.8	124.5	702	0	1008	218	0	0	141	2087	858	438	4288	428	812	478	8178
2800	TOBACCO	158	51.2	185.5	1188	0	0	282	0	0	0	1432	578	572	8848	400	858	1087	13852
2700	SUGAR CROPS	118	40.8	171.8	1180	0	124	8	0	0	0	1283	210	251	8102	188	1224	573	8851
2800	MISC NEW CROPS	181	52.8	233.1	1851	0	2870	0	0	0	324	5048	833	1757	8482	884	1285	832	18778
2900	POULTRY	558	203.4	738.0	8083	0	1085	888	0	358	88	10513	887	1818	31718	3238	3847	2788	84388
3000	BEEF CATTLE	1088	327.2	1581.8	8718	8	2183	2537	0	821	1	15371	2328	5587	58872	22831	8171	4047	115014
3100	DAIRY CATTLE	845	284.7	1345.0	10818	0	1253	1485	0	873	0	14401	1087	3875	48885	10483	10378	4853	81541
3200	SWINE	808	158.8	880.4	8218	0	858	1888	0	483	43	8081	881	2188	27507	8888	3885	2018	51817
3300	SHEEP AND WOOL	334	85.8	341.8	2808	0	304	588	0	184	0	3888	805	1457	14280	3878	1002	1347	28241
3400	OTHER ANIMALS	347	117.8	334.8	2214	0	827	887	0	331	0	4038	388	4388	15834	1448	2333	1288	28478
3500	BEES AND HONEY	47	12.7	38.4	284	0	0	0	0	0	0	284	132	88	2018	77	184	203	2878
3600	FARM SUPP & FACILITS	88	18.7	58.4	835	0	34	0	0	0	0	888	83	244	2388	354	530	378	4828
3700	CLOTHING & TEXTILES	80	18.1	42.7	418	0	0	0	0	0	0	418	8	27	1878	53	307	238	2828
3800	FOOD	452	154.8	484.4	4008	0	1853	431	0	4	23	8118	2235	3832	18812	1088	8018	2132	40217
3900	HOUSING & EQUIP	131	37.3	104.4	813	105	188	0	0	0	0	1204	205	228	4841	318	478	811	7587
4000	PEOPLE AS INDIVIDUAL	555	180.4	508.5	3383	13	188	453	0	5	0	4033	253	8535	17520	373	1822	2857	33223
4100	FAMILY MEMBERS	240	88.7	227.8	1317	0	824	8	0	1	0	1850	53	4185	8083	1828	283	858	15150
4200	FARM AS BUSINESS	181	54.4	102.5	1887	0	438	8	0	0	0	2332	258	385	5484	178	288	284	8178
4300	SOC POLIT ORGANIZ	343	102.0	242.1	2388	38	1017	184	0	0	11	3847	588	4433	8881	435	1285	1507	21585
4400	AGRIC ECONOMY U S	147	53.1	148.8	1181	0	1481	101	0	0	1	2755	581	882	5541	48	838	878	10814
4500	AGRIC ECONOMY FORGN	57	18.8	78.8	328	0	880	0	0	0	1	1288	282	3188	2118	11	357	258	7487
4800	FARM COOPERATIVES	18	4.7	8.1	101	0	53	0	0	0	0	154	54	2	488	13	7	53	752
4700	OTH MARKET PROCESS	28	4.7	21.1	145	4	28	38	0	0	0	211	87	10	838	18	53	81	1077
4800	MARKETING SYSTEMS	73	20.1	47.4	581	0	210	0	0	0	0	771	103	184	2181	18	212	48	3524
8100	WEEDS	158	38.8	131.0	1182	3	500	47	0	0	0	1713	231	381	5088	254	1018	1027	8731
8200	SEED RESEARCH	58	18.4	52.8	308	0	0	52	0	0	0	380	118	432	1933	584	218	173	3831
8300	BIO CELL SYSTEMS	258	88.8	440.1	1808	10	184	244	0	4	0	2251	278	14908	12348	585	2327	978	33881
8400	EXP DESIGN/STAT METH	82	35.5	88.7	448	10	8	58	0	0	0	518	107	305	3870	188	144	258	5482
8500	INVERTEBRATES	487	158.2	540.8	3083	207	344	2148	0	14	7	5802	1433	7853	18588	488	2037	1508	38788
8800	MICROORGANISMS VIRUS	543	148.8	548.5	2817	37	373	5077	0	118	2	8528	407	8321	18758	334	2484	1320	41151
8700	PLANTS	888	274.8	1085.8	5025	71	2702	3580	0	0	3	11380	3818	12582	37483	1814	5587	3440	75852
8800	ANIMALS(VERTEBRATES)	448	138.5	481.8	2378	0	1208	858	0	248	0	4718	528	8483	17884	2118	3182	1812	38583
8900	RESEARCH ON RSCH MGM	50	18.0	35.4	488	0	88	0	0	0	2888	3588	580	50	1328	120	182	84	5823
7000	RSCH EQUIP & TECHNOL	118	33.0	157.5	488	71	83	5	0	0	0	848	1784	8470	4278	307	524	811	14821
8900	UNCLASSIFIED	1	0.0	0.3	0	0	0	8	0	0	0	8	0	0	14	4	0	0	25
TOTAL			8474.5	24348.3	180888	13052	50538	33220	0	3880	3884	285354	55883	188885	888013	93857	128715	112207	1748524

TABLE IV-0 SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	DTH CSRS	TOTAL CSRS	USDA CGCA	DTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	193	55.2	195.5	1545	41	412	87	0	0	0	2085	583	1375	5902	353	1202	2803	15104
102 SOIL PLNT WTR NUTRI	643	242.4	947.7	5535	752	2015	527	0	0	2	9442	2547	5195	32321	2953	5244	6005	93411
103 MGMT OF SALINE SOILS	55	12.7	54.2	381	0	32	45	0	0	0	438	198	208	2002	197	207	175	3427
104 ALTERN USE OF LAND	144	30.5	71.4	841	32	115	0	0	0	25	1012	303	579	3355	151	201	945	9543
105 CONSERV USE OF WATER	313	75.7	294.3	1505	60	873	98	0	0	0	2836	1181	3828	9730	1124	1223	1315	21151
106 DRAIN AND IRRIGATION	123	35.8	118.1	774	1	238	5	0	0	0	1017	522	893	5085	211	408	899	8945
107 WATERSHED PROT & MGM	155	45.7	153.4	999	181	433	0	0	0	1	1611	1392	1585	5592	183	535	1927	12457
108 ECON LEG PROB OF WAT	51	18.4	37.8	393	8	28	5	0	0	0	405	230	511	2093	108	134	183	3618
109 WEATHER MOAPT & MOD	145	50.5	182.8	1234	105	34	5	0	0	0	1375	581	4375	5395	419	358	388	12582
110 APPRAIS FORST & RANG	100	37.8	117.9	355	755	12	43	0	0	0	1158	843	2455	3718	380	253	530	8950
111 BIOL CULT MGMT FORST	282	85.4	282.9	289	3870	35	579	0	0	0	4547	1501	2249	10339	701	1512	1800	22648
112 IMPROV RANGE RESOR	156	44.8	155.5	507	190	128	25	0	8	0	1157	800	1289	7085	2185	285	279	12881
113 REMOTE SENSING	51	20.3	55.7	222	255	0	0	0	0	0	478	882	1138	2284	75	158	975	5701
114 RSCH ON MGMT OF RSCH	49	17.9	36.3	482	0	88	0	0	0	2988	3885	590	50	1328	120	152	54	5518
SUBTOTAL			2715.5		9082		1717		8		30939		25803		8895		17443	
		754.0		15685		4448		0		3015		12240		57155		11919		204385
SERIES 200																		
201 CNTRL FORST INSECTS	121	31.1	94.5	352	953	0	290	0	0	0	1308	1444	753	3371	124	511	330	7535
202 CONTROL FOREST DIS	90	30.5	80.8	548	708	5	145	0	0	0	1408	248	455	3490	48	375	232	6282
203 FOREST FIRE PROTECT	8	2.8	4.1	2	40	0	0	0	0	0	42	37	87	280	1	1	30	455
204 CNTR PESTS FRT & VEG	515	145.2	574.5	4175	0	1847	385	0	0	0	8381	1281	1982	21572	844	3482	2320	37582
205 CNTR DISE FRT & VEG	715	222.5	822.2	5841	18	2538	1402	0	0	0	5800	2385	2538	33623	881	4820	3272	57234
206 CNTR WEEDS FRT & VEG	197	35.9	137.3	1350	0	984	150	0	0	0	2234	175	331	5178	234	815	474	6443
207 CNTR PESTS FLD CROPS	557	183.5	721.0	5080	0	1227	573	0	0	88	7228	2281	4002	23458	1884	3750	2518	44538
208 CNTR DIS FIELD CROPS	698	222.5	755.3	5831	0	1080	1138	0	0	10	7835	2374	3483	25801	1385	5552	3787	53303
209 CNTR WEEDS FLD CROPS	345	112.2	422.1	3495	20	1077	202	0	0	12	4778	821	875	15335	1358	3872	2381	28321
210 CONTR PESTS ANIMALS	142	37.7	129.8	1187	0	515	0	0	205	0	1581	205	852	4581	188	705	322	5783
211 CONTR DIS ANIMALS	723	288.3	985.7	5343	0	1878	2572	0	2430	38	12059	1507	8114	41845	7030	5770	4814	51038
212 CNTR INTER PARASITES	81	30.8	101.0	880	0	253	73	0	212	0	1218	18	1130	3745	272	882	388	7745
213 PROT ANMLS FROM TOXI	88	41.5	118.1	590	8	138	17	0	118	0	840	284	2272	4811	518	830	228	10188
214 PROTECT FROM POLLUTI	179	52.2	173.8	1324	81	734	187	0	4	28	2328	1840	3888	8888	243	705	780	19088
SUBTOTAL			5327.8		1840		7413		2870		59157		28997		15134		22005	
		1415.0		35312		11788		0		159		14881		198888		32283		370128
SERIES 300																		
301 GENET BREED FORST TR	75	38.5	112.7	228	1131	15	108	0	0	0	1484	187	770	3533	183	718	855	7838
302 IMP FOREST ENG SYS	15	4.3	14.8	17	143	248	0	0	0	0	408	84	30	751	15	44	19	1383
303 ECON TIMBER PRODUCTN	51	10.7	28.8	5	710	0	0	0	0	0	715	84	78	2258	141	171	145	3805
304 IMP BIO EFF FRT & VE	559	283.5	1284.6	5377	0	1950	1780	0	0	0	12135	1918	4348	48218	2312	5883	3878	78205
305 MECH PROD FRT & VEGS	81	13.0	37.7	455	0	47	0	0	0	0	505	98	118	2034	88	155	121	3088
306 PROD MGMT SYS F & V	135	31.0	142.1	783	0	431	0	0	0	0	1214	288	177	4413	402	178	810	7288
307 IMP BIO EFF FLD CRP	1240	442.3	1804.4	11727	0	1958	3407	0	0	38	19528	3905	10528	85627	5222	10084	8457	128828
308 MECH PROD FIELD CROP	55	25.7	87.3	755	0	15	0	0	0	0	773	215	570	3604	151	887	183	5223
308 PROD MGMT SYS FLD CR	375	95.8	303.7	2102	8	848	0	0	0	21	2975	881	412	13382	1807	1804	1178	22918
310 ANIMAL REPRODUCTION	485	171.0	505.2	7285	0	238	2572	0	208	43	10358	781	3734	31248	7783	3015	1841	58508
311 IMP BIO EFF ANML PR	1038	372.1	1837.8	15408	0	408	3078	0	241	1	18140	1547	3807	72187	24824	8445	4878	135204
312 ENV STRESS IN ANML P	158	44.1	182.8	1852	0	41	74	0	77	0	2044	138	988	7418	1718	744	388	13388
313 PROD MGMT SYS ANML P	287	92.4	288.8	2184	0	848	0	0	1	0	2731	233	113	11723	3840	824	848	19812
314 BEES OTH POLLNTNG IN	47	12.7	38.4	284	0	0	0	0	0	0	284	132	88	2018	77	184	203	2878
315 IMP STRUC FARM SUPP	85	28.1	77.7	928	0	2	0	0	0	0	927	80	82	3237	482	734	871	6134
316 FARM BUSINESS MGMT	132	41.4	83.2	1477	0	218	0	0	0	0	1982	288	272	4288	187	212	288	7111
317 MECH/STRUCTS ANML PR	28	8.4	18.7	171	0	0	0	0	0	0	171	0	4	788	143	48	48	1281
318 NON COM BIO TECH/BIM	1303	488.8	1751.2	7883	174	820	7438	0	8	0	18233	2884	42102	81281	2743	7713	4847	137582
SUBTOTAL			8104.8		2184		18488		534		80588		88218		54888		28518	
		2138.7		82023		7314		0		102		13388		342288		41888		838748
SERIES 400																		
401 NEW IMP FOREST PROD	151	58.0	227.8	288	1272	1381	488	0	0	0	3382	882	838	8888	813	1488	818	18483
402 PROD F & V IMP ACCEP	248	83.8	188.2	1288	0	478	118	0	0	0	1883	187	388	8847	281	1881	888	13818
403 NEW & IMP F & V PROD	181	84.8	178.8	1284	0	148	184	0	0	0	1833	283	334	7238	224	1237	881	11377
404 MKT QUAL FRTS & VEGS	187	88.7	171.2	1384	0	488	12	0	0	0	1888	381	1148	7881	81	1888	788	13488
405 PROD FLD CROP IMP AC	281	81.7	383.4	2214	0	722	123	0	4	78	3138	1583	1328	13348	1282	2588	1781	24887
408 NEW IMP FOOD FLD CRO	178	51.3	281.8	1188	0	1883	252	0	0	4	2888	148	888	8388	422	2272	1178	13883
407 NEW IMP NON FOOD FC	124	38.3	147.4	884	0	1873	118	0	0	288	2847	317	487	4838	488	1228	828	10772
408 MKT QUAL FIELD CROPS	73	21.1	78.8	888	0	2	8	0	0	0	888	188	1288	2747	88	877	438	8028
408 PROD ANML PR IMP ACC	171	84.0	247.1	2183	0	1122	18	0	0	0	3242	184	288	8132	2787	1888	881	17888
418 IMP MEAT MILK EGG PR	251	78.1	312.1	1788	0	818	37	0	0	0	2311	288	818	8888	888	3888	2873	18148
411 IMP NON FOOD ANML PR	21	4.1	13.0	134	0	88	0	0	0	0	188	14	88	837	1	172	171	1138
412 MKT QUAL ANIMAL PROD	88	18.8	88.8	882	0	0	0	0	1	0	883	128	283	2817	128	888	187	4811
SUBTOTAL			2188.3		1272		1322		8		24882		7178		7321		10488	
		878.8		13818		8158		0		338		4822		88777		18148		183548
SERIES 888																		
881 IMP GRADES & STANDS	48	11.3	38.3	388	0	121	0	0	0	0	477	147	288	1127	74	188	278	2888
882 MKTG TIMBER PRODUCTS	28	4.8	18.1	21	82	18	0	0	0	0	118	122	28	433	2	88	88	843
883 MKTG EFF AGRI PRODS	118	38.1	87.8	738	4	488	37	0	0	1	1258	288	382	3858	22	838	748	8383
888 SPLY DEMAND AND PRIC	188	48.4	188.8	1518	0	783	0	0	0	0	2278	383	284	4383	88	488	284	8881
887 COMP REL IN AGRIC	71	18.8	33.2	448	0	158	1	0	0	0	887	177	188	1738	88	87	137	2885
888 DOMESTIC MKT DEVELP	88	7.1	42.4	138	0	378	32	0	0	0	548	411	33	1223	7	228	478	2822
888 PERFORMANCE MKTG SYS	132	37.2	88.4	1278	0	471	37	0	0	0	1778	337	178	3748	48	248	288	8828
818 GROUP ACT MKT POWER	18	2.8	8.8	128	0	131	0	0	0	0	254	4	28	388	12	14	28	737
811 IMP AGRIC STATISTICS	34	8.8	12.2	188	13	88	28	0	0	0	258	58	88	484	23	84	182	1158
812 IMP GRADES FRST PROD	8	0.7	3.8	0	88	22	0	0	0	0	82	8	3	77	4	78	0	248
813 PRICE ANAL FRST PROD	18	3.2	7.8	7	188	0	0	0	0	0	113	44	28	344	2	18	78	811
SUBTOTAL			418.4		295		133		0		7788		1377		388		2558	
		187.4		4788		2813		0		1		1888		18532		2128		33884
SERIES 888																		
881 FGN MKT DEVELP	154	58.4	148.5	1358	34	1888	481	0	0	2	3731	787	3188	5818	48	581	518	14885
882 EVAL FGN FOOD AID PG	2	0.4	1.8	2	0	0	0	0	0	0	2	44	2	38	0	0	0	78
883 TECH AID DEV CRTY	38	11.2	78.3	83	1	8	0	0	0	0	73	185	7553	1183	33	423	888	18388
884 PRO DVLPMT/MKTG FRGN	42	18.1	23.7	72	0	134	58	0	0	0	284	138	81	1585	83	87	81	2281
SUBTOTAL			247.8		35		538		0		4888		18753		143		1584	
		88.1		1488		2882		0		2		1885		8424		1281		27385

TABLE IV-O SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRP	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 700																		
701 TOX RES IN FOOD	123	30.8	119.5	588	0	2353	0	0	5	13	2959	368	1369	3387	139	310	372	8860
702 FOOD PROT FROM TOX	199	67.7	238.8	1747	0	1585	504	0	44	0	3880	713	2854	8918	349	2985	686	20270
703 FOOD CONSUMP HABITS	138	34.1	97.8	1059	0	119	20	0	0	0	1198	279	554	3159	98	508	197	5690
704 HOME COMM FOOD SERV	24	4.9	10.1	153	0	0	43	0	0	0	198	4	4	534	2	71	83	884
705 SEL CARE CLOTH & TEX	60	14.6	32.2	304	0	0	0	0	0	0	304	8	23	1418	51	305	134	2244
706 CONTR INSECTS AFF MA	87	33.1	105.2	788	18	133	0	0	0	0	919	154	914	4460	105	594	437	7583
707 TRANS ANIML MAN DIS	28	9.0	20.0	245	0	0	0	0	5	0	250	4	976	839	54	199	53	2038
708 HUMAN NUTRITION	389	129.8	515.0	2783	0	812	1075	0	0	11	4681	1884	7087	15287	281	3078	2082	34131
709 REDUCE HAZ HLTH & SF	66	19.0	41.1	290	2	1	0	0	0	0	293	70	829	2190	12	207	331	3933
SUBTOTAL		342.8	1167.7	7916	20	4784	1842	0	54	24	14440	3485	14310	40145	1093	7934	4554	86991
SERIES 800																		
801 RURAL HOUSING	49	11.0	22.6	251	22	10	0	0	0	0	282	51	145	1210	95	91	101	1945
802 INDIV & FAM DEC MAKI	189	43.8	130.8	788	0	19	1	0	0	0	807	101	788	4161	209	136	447	6675
803 RURAL POVERTY	21	4.5	21.7	77	9	77	0	0	0	0	163	0	11	484	4	5	208	885
804 ECON POTENT RURL PEO	101	24.1	57.1	695	11	180	79	0	0	0	975	156	719	2344	33	57	599	4877
805 COMMUNICAT EDUC PROC	128	39.8	130.0	348	0	100	0	0	0	0	448	31	1056	4914	83	329	1014	7872
806 ADJUSTMENT TO CHANGE	186	55.9	140.2	1155	3	9	34	0	0	0	1201	67	3841	4873	1554	498	247	12281
807 AGRIC ECONOMIC CHANG	128	36.4	89.8	951	0	352	13	0	0	1	1317	113	177	3674	28	221	904	8132
808 GOVT PROGRAMS	83	20.2	57.4	438	9	912	0	0	0	45	1403	201	121	2395	22	124	153	4416
SUBTOTAL		235.8	629.8	4702	54	1669	126	0	0	46	6598	720	6855	24094	1994	1457	3370	45086
SERIES 900																		
901 ALLEV POLLUTION	693	201.0	750.6	5068	87	4050	1203	0	14	51	10472	1887	7281	25839	1487	3274	5348	55388
902 OUTDOOR RECREATION	88	28.8	74.8	348	158	78	0	0	0	128	709	582	1049	3456	43	187	448	8475
903 MULTI USE FOREST POT	86	28.1	83.4	180	598	0	0	0	0	0	798	897	1447	2232	341	142	1037	8983
904 WLDLFE AND FISH ECOL	983	228.9	885.5	2818	686	2308	361	0	108	15	8394	2483	13809	27115	852	3043	9291	93087
905 TREES BEAUTIFICATION	84	21.3	89.2	455	80	4	0	0	0	0	538	112	51	3194	111	280	278	4599
909 ORNAMENT & TURF DEV	487	169.0	572.6	4928	5	575	159	0	0	0	5667	352	1068	24443	670	3799	3775	39773
907 RURAL INCOME IMP	115	23.3	43.3	802	0	350	111	0	0	0	1083	125	178	2302	82	108	800	4439
908 RURAL INSTITUT IMP	163	34.3	82.9	1040	25	429	30	0	0	10	1534	253	342	3237	223	185	727	9480
990 UNCLASSIFIED	1	0.0	0.3	0	0	0	6	0	0	0	6	0	0	14	4	0	0	25
SUBTOTAL		734.5	2539.7	15548	1640	7792	1869	0	120	203	27173	6492	25233	91931	3864	10994	21505	186923
SCIENCE IN SERV OF MAN																		
GRAND TOTAL		9474.5	24348.3	180989	13052	50538	33220	0	3690	3884	265354	58883	186895	898013	93657	128715	112207	1749524

TABLE IV-B SUMMARY BY COMMODITY OF 1863 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	58	11.8	47.9	0	208	82	4	0	0	0	275	303	755	2120	62	428	498	4438
0200 WATER	36	14.0	28.5	0	18	33	8	0	0	0	59	122	588	1698	210	114	108	2878
0300 WATERSHEDS RIVER BAS	55	13.9	51.1	0	118	0	4	0	0	0	120	359	1270	2505	83	53	530	4921
0400 AIR AND CLIMATE	19	7.0	17.4	0	38	0	0	0	0	0	38	76	247	1408	0	13	89	1871
0500 RECREATION RESOURCES	37	11.1	33.6	0	173	0	0	0	0	0	173	454	530	540	438	17	748	2898
0900 TIMBER FORST PRODUCT	453	188.4	982.2	0	3328	1238	1117	0	0	0	5678	4697	4600	23700	3948	4939	4994	52527
0700 RANGE	18	9.2	10.4	0	134	14	17	0	0	0	166	34	113	909	75	0	150	1149
0800 WILDLIFE AND FISH	83	12.5	56.9	0	392	0	0	0	0	0	382	445	487	1593	14	141	1128	4171
1000 FRUIT NUTS DECIDUOUS	2	0.2	0.0	0	0	0	0	0	0	0	0	0	0	1	0	0	13	14
1800 OTHER SMALL GRAINS	1	0.1	0.7	0	0	0	0	0	0	0	0	23	0	12	0	0	0	35
2000 FORAGE CROPS	1	0.5	0.7	0	0	0	0	0	0	0	0	0	0	138	0	0	19	158
2500 OTHER OILSEED CROPS	1	0.0	0.7	0	0	0	0	0	0	0	0	20	0	0	0	0	0	20
3500 FARM SUPP & FACILITS	2	0.1	0.3	0	0	0	0	0	0	0	0	0	0	22	1	10	1	33
3900 HOUSING & EQUIP	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	28	0	45	0	73
4000 PEOPLE AS INDIVIDUAL	3	0.7	1.9	0	8	0	0	0	0	0	8	3	118	78	0	5	14	228
4300 SOC POLIT ORGANIZ	8	1.1	1.9	0	41	0	0	0	0	0	41	72	12	107	0	0	5	237
6300 BIO CELL SYSTEMS	2	0.4	1.7	0	0	0	0	0	0	0	0	0	110	48	0	0	0	158
6400 EXP DESIGN/STAT METH	9	1.0	5.6	0	11	0	0	0	0	0	11	23	120	105	4	21	67	351
6500 INVERTEBRATES	8	0.3	2.5	0	8	0	42	0	0	0	48	31	8	87	0	13	28	186
6600 MICROORGANISMS VIRUS	12	1.7	7.2	0	44	0	4	0	0	0	48	48	107	253	1	37	80	571
9700 PLANTS	10	1.0	5.2	0	10	0	48	0	0	0	58	33	348	141	1	138	17	727
6900 ANIMALS(VERTEBRATES)	1	0.1	0.0	0	0	0	0	0	0	0	0	0	0	12	0	4	0	16
6900 RESEARCH ON RSCH MGM	2	0.2	0.5	0	0	0	0	0	0	0	0	31	0	16	0	0	8	55
7000 RSCH EQUIP & TECHNOL	21	5.4	34.3	0	60	0	0	0	0	0	60	158	923	571	1	348	347	2139
TOTAL		277.8	972.4	0	4617	1345	1242	0	0	0	7204	7203	10012	35730	4885	8324	8512	79850

TABLE IV-D SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	8	1.0	4.0	0	50	8	0	0	0	0	58	15	17	148	70	0	63	372
102 SOIL PLNT WTR NUTRI	48	8.2	37.2	0	383	20	84	0	0	0	487	370	611	1080	84	158	288	3017
103 MGMT OF SALINE SOILS	3	0.7	2.1	0	18	0	0	0	0	0	18	0	10	70	0	4	84	186
104 ALTERN USE OF LAND	6	1.0	6.8	0	75	0	0	0	0	0	75	42	86	131	10	26	17	383
105 CONSERV USE OF WATER	4	0.8	1.1	0	85	0	0	0	0	0	85	0	10	88	0	0	8	170
106 DRAIN AND IRRIGATION	1	0.0	0.3	0	0	0	0	0	0	0	0	0	18	1	0	1	0	20
107 WATERSHED PROT & MGM	43	6.8	42.8	0	107	8	20	0	0	0	135	380	1008	1377	188	82	318	3478
108 ECON LEG PROB OF WAT	3	2.0	4.8	0	0	0	0	0	0	0	0	0	352	3	0	0	0	355
109 WEATHER ADAPT & MOD	14	2.2	10.3	0	50	0	0	0	0	0	50	81	883	381	0	7	28	1210
110 APPRAIS FORST & RANG	78	18.5	105.1	0	298	0	7	0	0	0	303	441	650	2422	1	48	818	4784
111 BIOL CULT MGMT FORST	134	70.5	218.8	0	647	0	180	0	0	0	1107	2814	2828	7385	2110	1181	1588	18888
112 IMPROV RANGE RESOR	8	4.8	3.8	0	83	14	13	0	0	0	81	5	24	484	78	0	32	711
113 REMOTE SENSING	25	5.8	24.4	0	178	0	0	0	0	0	178	78	850	443	2	7	287	1811
114 RSCH ON MGMT OF RSCH	2	0.2	0.5	0	0	0	0	0	0	0	0	31	0	18	0	0	8	58
SUBTOTAL		123.5	462.1	0	2208	51	284	0	0	0	2544	4285	7151	13888	2521	1478	3584	35530
SERIES 200																		
201 CNTRL FORST INSECTS	23	2.8	18.7	0	103	0	14	0	0	0	117	83	135	384	124	14	185	1022
202 CONTROL FOREST DIS	21	4.8	12.8	0	202	0	20	0	0	0	223	178	24	418	128	58	74	1088
203 FOREST FIRE PROTECT	8	0.5	3.8	0	5	0	0	0	0	0	5	102	8	84	0	0	5	182
205 CNTR DISE FRT & VEG	1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
206 CNTR WEEDS FRT & VEG	1	0.0	0.2	0	7	0	0	0	0	0	7	0	0	7	0	0	0	14
207 CNTR PESTS FLO CROPS	1	0.0	1.4	0	0	0	0	0	0	0	0	40	0	0	0	0	0	40
214 PROTECT FROM POLLUTI	14	3.8	17.7	0	17	20	0	0	0	0	37	101	408	547	1	470	248	1813
SUBTOTAL		11.8	54.7	0	334	20	34	0	0	0	388	504	574	1418	258	538	488	4188
SERIES 300																		
301 GENET BREED FORST TR	38	24.8	78.3	0	325	0	354	0	0	0	678	238	221	3843	635	558	318	8781
302 IMP FOREST ENG SYS	18	4.8	18.3	0	112	180	18	0	0	0	318	208	44	570	112	42	183	1488
303 ECON TIMBER PRODUCTN	7	1.4	3.8	0	82	88	0	0	0	0	181	0	0	181	10	0	0	332
304 IMP BIO EFF FRT & VE	1	0.2	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
315 IMP STRUC FARM SUPP	1	0.0	0.1	0	0	0	0	0	0	0	0	0	0	5	0	10	1	18
317 MECH/STRUCTS ANML PR	1	0.1	0.2	0	0	0	0	0	0	0	0	0	0	18	1	0	0	17
318 NON COM BIO TECH/SIM	23	4.8	23.2	0	20	0	81	0	0	0	111	45	327	501	0	325	313	1822
SUBTOTAL		36.0	124.7	0	548	258	463	0	0	0	1271	492	583	5068	1058	934	807	10252
SERIES 400																		
401 NEW IMP FOREST PROD	73	42.8	125.8	0	572	490	387	0	0	0	1448	152	248	8088	451	2170	588	11153
407 NEW IMP NON FOOD PC	1	0.5	0.7	0	0	0	0	0	0	0	0	0	0	138	0	0	18	158
408 MKT QUAL FIELD CROPS	1	0.1	0.7	0	0	0	0	0	0	0	0	23	0	12	0	0	0	35
SUBTOTAL		43.5	127.0	0	572	490	387	0	0	0	1448	175	248	6238	451	2170	618	11348
SERIES 500																		
502 MKTG TIMBER PRODUCTS	11	1.8	7.5	0	24	127	0	0	0	0	151	27	0	226	4	58	3	472
508 SPLY DEMAND AND PRIC	1	0.2	0.5	0	0	0	0	0	0	0	0	0	0	33	0	0	0	33
508 DOMESTIC MKT DEVELP	1	0.1	0.7	0	0	0	0	0	0	0	0	0	0	18	0	31	3	50
511 IMP AGRIC STATISTICS	1	0.1	0.3	0	11	0	0	0	0	0	11	12	0	2	4	0	0	28
512 IMP GRADES FRST PROD	2	0.7	1.2	0	52	0	0	0	0	0	52	1	0	41	1	0	8	104
513 PRICE ANAL FRST PROD	11	1.4	8.8	0	88	0	0	0	0	0	88	108	0	108	4	18	58	381
SUBTOTAL		4.5	17.1	0	182	127	0	0	0	0	280	148	0	430	14	108	72	1050
SERIES 800																		
801 FGN MKT DEVELP	8	1.8	7.3	0	11	323	73	0	0	0	407	12	54	310	4	78	43	807
803 TECH AID DEV CRTY	2	0.3	0.7	0	0	0	0	0	0	0	0	0	8	38	0	41	3	88
SUBTOTAL		1.8	8.0	0	11	323	73	0	0	0	407	12	80	348	4	117	47	883
SERIES 800																		
804 ECON POTENT RURL PEO	2	0.5	1.1	0	0	0	0	0	0	0	0	0	111	48	0	0	0	160
805 COMMUNICAT EDUC PROC	5	0.7	0.8	0	24	0	0	0	0	0	24	22	12	102	0	5	14	180
SUBTOTAL		1.2	2.0	0	24	0	0	0	0	0	24	22	123	150	0	5	14	340
SERIES 900																		
801 ALLEV POLLUTION	28	27.8	87.0	0	18	87	0	0	0	0	83	157	181	5308	83	748	808	7388
802 OUTDOOR RECREATION	32	10.8	32.0	0	111	0	0	0	0	0	111	414	588	583	422	7	887	2743
803 MULTI USE FOREST POT	35	8.1	34.8	0	371	8	0	0	0	0	378	808	258	870	50	121	820	2808
804 WLDLFE AND FISH ECOL	81	8.8	41.5	0	241	0	0	0	0	0	241	381	248	1281	2	101	788	3051
805 TREES BEAUTIFICATION	3	0.1	0.8	0	0	0	0	0	0	0	0	5	0	28	0	0	2	35
807 RURAL INCOME IMP	2	0.1	0.8	0	25	0	0	0	0	0	25	11	0	12	0	0	0	48
SUBTOTAL		55.4	176.7	0	765	75	0	0	0	0	840	1587	1285	8065	557	975	2875	18172
SCIENCE IN SERV OF MAN																		
GRAND TOTAL		277.8	872.4	0	4817	1345	1242	0	0	0	7204	7203	10012	35730	4865	6324	8512	78858

TABLE IV-S SUMMARY BY COMMODITY OF 1883 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	MATH /RRP	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRD	PRDD SALE	IND -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	14	5.3	18.3	0	0	25	0	837	0	0	862	44	0	50	8	0	0	1004
0200 WATER	6	2.4	4.4	0	0	23	0	124	0	0	148	18	0	78	0	0	0	244
0300 WATERSHEDS RIVER BAS	5	2.2	4.8	0	0	102	0	232	0	0	334	36	0	10	0	0	0	383
0600 TIMBER FORST PRODUCT	7	3.5	8.8	0	0	82	0	303	0	0	385	43	0	11	0	0	0	448
0700 RANGE	1	0.3	0.7	0	0	0	0	88	0	0	88	0	0	0	0	0	0	88
0800 WILDLIFE AND FISH	18	10.1	33.0	0	0	285	0	1520	0	0	1788	0	0	28	4	1	185	2004
0800 CITRUS SUB TROP FRUT	2	0.2	0.5	0	0	0	0	41	0	0	41	0	0	0	0	0	0	41
1000 FRUIT NUTS DECIDUOUS	8	5.4	14.2	0	0	207	0	711	0	0	818	0	0	68	0	0	0	887
1100 POTATOES	1	0.0	0.4	0	0	18	0	0	0	0	18	0	0	0	0	0	0	18
1200 VEGETABLES	37	23.3	54.3	0	0	278	0	2818	0	0	3085	0	27	42	16	0	11	3180
1300 ORNAMENTALS TURF	7	4.0	12.4	0	0	84	0	556	0	0	844	0	0	11	0	0	0	854
1400 CORN	8	3.8	8.8	0	0	17	0	524	0	0	541	0	0	0	1	2	0	843
1800 GRAIN SORGHUM	3	0.5	0.7	0	0	0	0	87	0	0	87	0	0	0	0	0	0	87
1800 RICE	1	0.1	0.5	0	0	14	0	0	0	0	14	0	0	0	0	0	0	14
1700 WHEAT	3	0.2	0.4	0	0	0	0	18	0	0	18	14	0	0	0	0	0	34
1800 OTHER SMALL GRAINS	4	0.2	0.4	0	0	7	0	0	0	0	7	12	1	8	0	0	0	28
1800 PASTURE	1	0.5	1.0	0	0	0	0	77	0	0	77	0	0	7	5	0	0	88
2000 FORAGE CROPS	12	3.8	13.7	0	0	28	0	780	0	0	807	0	0	43	2	0	0	852
2100 COTTON	1	1.2	0.4	0	0	0	0	0	0	0	0	88	0	0	0	0	0	88
2300 SOYBEANS	21	13.2	34.0	0	0	144	0	1808	0	0	2050	0	0	108	7	0	0	2163
2400 PEANUTS	3	1.3	3.8	0	0	3	0	182	0	0	185	0	0	0	0	0	0	185
2800 OTHER OILSEED CROPS	7	5.2	18.2	0	0	0	0	750	0	0	750	0	0	7	5	0	0	782
2800 MISC NEW CROPS	5	2.4	5.7	0	0	100	0	283	0	0	383	0	0	0	0	0	0	383
2800 POULTRY	11	8.1	22.8	0	0	511	0	1004	0	0	1514	1	0	1	4	0	121	1841
3000 BEEF CATTLE	10	4.1	15.4	0	0	84	0	840	0	0	1024	0	0	20	11	0	0	1055
3100 DAIRY CATTLE	5	1.0	8.4	0	0	841	0	384	0	0	885	0	0	25	0	0	0	1020
3200 SWINE	7	3.8	18.4	0	0	7	0	883	0	0	800	0	0	15	24	0	0	840
3300 SHEEP AND WOOL	5	1.3	8.1	0	0	3	0	388	0	0	381	0	0	25	12	0	0	428
3400 OTHER ANIMALS	35	21.8	88.2	0	0	381	57	3830	0	0	4088	0	0	213	3	0	15	4300
3800 BEES AND HONEY	2	1.0	4.2	0	0	0	0	188	0	0	188	0	0	0	0	0	0	188
3700 CLOTHING & TEXTILES	3	1.0	2.1	0	0	0	0	148	0	0	148	0	0	0	0	0	0	148
3800 FOOD	7	3.4	8.8	0	0	22	0	853	0	0	878	21	0	82	4	0	0	882
4000 PEOPLE AS INDIVIDUAL	33	17.1	48.8	0	0	380	0	2331	0	0	2882	21	0	8	8	0	0	2717
4100 FAMILY MEMBERS	7	4.0	8.8	0	0	133	0	485	0	0	818	0	7	82	4	0	0	710
4200 FARM AS BUSINESS	8	1.8	4.0	0	0	0	0	224	0	0	224	0	0	25	4	0	11	284
4300 SOC POLIT ORGANIZ	10	8.1	13.4	0	0	0	0	823	0	0	823	0	0	0	0	0	0	823
4400 AGRIC ECONOMY U S	2	0.8	2.0	0	0	0	0	128	0	0	128	0	0	38	0	0	0	184
4700 OTH MARKET PROCESS	1	0.2	0.5	0	0	0	0	27	0	0	27	0	0	10	0	0	0	38
4800 MARKETING SYSTEMS	4	2.0	7.4	0	0	0	0	338	0	0	338	0	0	0	7	0	0	343
8100 WEEDS	3	1.3	2.4	0	0	4	0	202	0	0	208	0	0	0	0	0	0	208
8300 SID CELL SYSTEMS	1	0.0	0.4	0	0	0	0	0	0	0	0	14	0	0	0	0	0	14
8800 INVERTEBRATES	2	1.1	1.3	0	0	7	0	74	0	0	82	0	0	0	0	0	0	82
8800 MICRODRGANISMS VIRUS	4	1.4	4.8	0	0	13	0	288	0	0	312	0	0	0	0	0	0	312
8700 PLANTS	8	1.1	4.2	0	0	188	0	284	0	0	452	0	0	0	1	0	0	453
8800 ANIMALS(VERTEBRATES)	4	2.0	3.2	0	0	37	0	188	0	0	237	0	0	0	0	0	0	237
7000 RSCH EQUIP & TECHNDL	2	0.4	0.8	0	0	48	0	33	0	0	80	0	0	0	1	0	0	81
TOTAL		174.2	484.8	0	0	3813	57	25430	0	0	28300	288	35	883	130	3	342	31101

TABLE IV-O SUMMARY BY PROBLEM AREA OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	2	0.9	3.4	0	0	0	0	234	0	0	234	0	0	0	0	0	0	234
102 SOIL PLNT WTR NUTRI	13	5.1	18.9	0	0	23	0	890	0	0	914	0	0	25	12	0	0	951
103 MGMT OF SALINE SOILS	1	0.8	2.8	0	0	0	0	187	0	0	187	0	0	4	0	0	0	191
104 ALTERN USE OF LAND	3	0.9	1.3	0	0	7	0	90	0	0	98	0	0	47	0	0	0	145
105 CONSERV USE OF WATER	4	2.2	1.9	0	0	0	0	198	0	0	198	0	0	0	0	0	0	198
107 WATERSHED PROT & MGM	2	1.0	3.8	0	0	102	0	144	0	0	246	0	0	0	0	0	0	249
108 ECON LEG PROB OF WAT	1	0.1	0.3	0	0	0	0	24	0	0	24	0	0	0	0	0	0	24
109 WEATHER ADAPT & MOD	2	0.2	0.7	0	0	0	0	54	0	0	54	0	0	0	0	0	0	54
112 IMPROV RANGE RESOR	1	0.3	0.7	0	0	0	0	88	0	0	88	0	0	0	0	0	0	88
113 REMOTE SENSING	1	0.3	0.3	0	0	0	0	0	0	0	0	79	0	0	0	0	0	79
SUBTOTAL			34.0		0		0		0		2001		0		12		0	
		11.8		0		132		1869		0		79		78		0		2188
SERIES 200																		
202 CONTROL FOREST DIS	2	1.7	3.4	0	0	31	0	154	0	0	185	0	0	0	0	0	0	185
204 CNTR PESTS FRT & VEG	5	2.8	3.3	0	0	25	0	214	0	0	240	0	0	0	0	0	0	240
205 CNTR DISE FRT & VEG	8	1.9	5.2	0	0	204	0	141	0	0	345	0	0	21	0	0	0	389
209 CNTR WEEDS FRT & VEG	5	1.4	4.4	0	0	0	0	170	0	0	170	0	0	0	0	0	0	170
207 CNTR PESTS FLO CROPS	5	3.7	11.2	0	0	112	0	430	0	0	542	0	0	0	0	0	0	542
208 CNTR DIS FIELD CROPS	4	2.2	4.1	0	0	0	0	294	0	0	294	0	0	0	0	2	0	295
209 CNTR WEEDS FLO CROPS	4	2.1	4.1	0	0	0	0	340	0	0	340	0	0	5	4	0	0	350
211 CONTR DIS ANIMALS	3	0.9	2.8	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100
212 CNTR INTER PARASITES	2	1.7	4.2	0	0	15	0	155	0	0	170	0	0	0	0	0	0	170
213 PROT ANMLS FROM TOXI	2	0.8	1.0	0	0	307	0	2	0	0	308	0	0	0	0	0	0	309
214 PROTECT FROM POLLUTI	2	0.3	1.3	0	0	6	0	18	0	0	24	0	0	0	0	0	0	24
SUBTOTAL			45.0		0		0		0		2717		0		4		0	
		19.2		0		899		2018		0		0		28		2		2749
SERIES 300																		
301 GENET BREED FORST TR	4	1.4	2.1	0	0	61	0	107	0	0	168	4	0	0	0	0	0	172
304 IMP BIO EFF FRT & VE	28	12.9	37.5	0	0	114	0	1909	0	0	2024	0	27	31	14	0	0	2096
305 PROD MGMT SYS F & V	8	4.4	8.2	0	0	7	0	808	0	0	815	0	0	8	1	0	11	835
307 IMP BIO EFF FLO CRP	27	11.0	31.2	0	0	186	0	1852	0	0	2038	94	1	137	7	0	0	2278
309 PROD MGMT SYS FLO CR	7	3.9	9.4	0	0	35	0	462	0	0	497	0	0	26	7	0	0	530
310 ANIMAL REPRODUCTION	18	8.8	35.3	0	0	41	11	1829	0	0	1882	0	0	31	26	0	0	1939
311 IMP BIO EFF ANML PR	35	18.7	62.8	0	0	814	48	3109	0	0	3969	1	0	189	19	0	139	4314
312 ENV STRESS IN ANML P	2	0.9	1.3	0	0	0	0	108	0	0	108	0	0	0	0	0	0	108
313 PROD MGMT SYS ANML P	11	4.9	10.8	0	0	429	0	680	0	0	1109	0	0	51	5	0	0	1165
314 BEES OTH POLLNTNG IN	2	1.0	4.2	0	0	0	0	166	0	0	166	0	0	0	0	0	0	166
319 FARM BUSINESS MGMT	3	0.5	1.5	0	0	0	0	91	0	0	91	0	0	25	0	0	11	127
318 NON COM BIO TECH/BIM	4	1.0	3.9	0	0	24	0	199	0	0	223	14	0	0	1	0	0	238
SUBTOTAL			208.3		0		57		0		12892		29		80		157	
		67.3		0		1713		11122		0		114		498		0		13769
SERIES 400																		
402 PROD F & V IMP ACCEP	4	1.8	3.0	0	0	109	0	73	0	0	183	0	0	28	0	0	0	210
403 NEW & IMP F & V PROD	4	0.8	1.4	0	0	34	0	71	0	0	104	21	0	14	0	0	0	139
404 MKT QUAL FRTS & VEGS	3	0.8	2.8	0	0	39	0	100	0	0	140	0	0	0	0	0	0	140
405 PROD FLO CROP IMP AC	5	1.2	3.3	0	0	28	0	104	0	0	132	0	0	0	0	0	0	132
409 NEW IMP FOOD FLO CRO	2	0.7	2.0	0	0	0	0	121	0	0	121	0	0	0	0	0	0	121
407 NEW IMP NON FOOD FC	5	2.2	5.8	0	0	0	0	378	0	0	378	0	0	0	0	0	0	377
408 MKT QUAL FIELD CROPS	2	1.7	4.6	0	0	0	0	268	0	0	268	0	0	0	0	0	0	268
409 PROD ANML PR IMP ACC	5	0.3	1.6	0	0	14	0	70	0	0	84	0	0	0	0	0	0	84
410 IMP MEAT MILK EGG PR	3	1.2	2.8	0	0	0	0	291	0	0	291	0	0	0	0	0	0	291
411 IMP NON FOOD ANML PR	1	0.1	0.2	0	0	0	0	17	0	0	17	0	0	0	0	0	0	17
SUBTOTAL			27.2		0		0		0		1716		0		1		0	
		11.0		0		224		1492		0		21		41		0		1780
SERIES 500																		
501 IMP GRADES & STANDS	1	0.1	0.1	0	0	17	0	0	0	0	17	0	0	7	0	0	0	24
503 MKTG EFF AGRI PRODS	3	0.8	2.6	0	0	0	0	166	0	0	166	0	0	24	0	0	0	190
506 SPLY DEMAND AND PRIC	4	1.6	4.2	0	0	0	0	260	0	0	260	0	0	0	0	0	0	290
508 DOMESTIC MKT DEVELP	4	1.9	2.7	0	0	17	0	198	0	0	215	0	0	0	0	0	0	215
509 PERFORMANCE MKTG SYS	4	1.1	6.3	0	0	0	0	283	0	0	283	0	0	0	5	0	0	288
510 GROUP ACT MKT POWER	1	0.1	0.1	0	0	0	0	17	0	0	17	0	0	0	0	0	0	17
SUBTOTAL			16.1		0		0		0		957		0		5		0	
		5.7		0		34		924		0		0		31		0		993
SERIES 700																		
701 TOX RES IN FOOD	1	0.8	1.3	0	0	0	0	85	0	0	85	0	0	0	4	0	0	89
702 FOOD PROT FROM TOX	5	2.3	7.8	0	0	0	0	483	0	0	483	0	0	1	4	0	0	488
703 FOOD CONSUMP HABITS	11	3.3	10.3	0	0	22	0	532	0	0	555	2	0	63	0	0	0	620
705 SEL CARE CLOTH & TEX	2	0.7	1.4	0	0	0	0	88	0	0	88	0	0	0	0	0	0	88
708 HUMAN NUTRITION	26	14.9	33.7	0	0	375	0	1886	0	0	2261	8	0	43	4	0	0	2315
709 REDUCE HAZ HLTH & SF	1	0.1	0.5	0	0	0	0	41	0	0	41	0	0	0	0	0	0	41
SUBTOTAL			55.0		0		0		0		3513		0		12		0	
		22.1		0		398		3115		0		8		107		0		3640
SERIES 800																		
801 RURAL HOUSING	3	0.8	3.4	0	0	0	0	192	0	0	192	0	0	0	0	0	0	192
802 INDIV & FAM DEC MAKI	13	3.5	5.5	0	0	135	0	409	0	0	544	8	0	85	4	0	0	641
803 RURAL POVERTY	2	1.8	3.0	0	0	0	0	223	0	0	223	0	0	0	0	0	0	223
804 ECON POTENT RURL PEO	10	4.5	11.8	0	0	4	0	845	0	0	849	0	7	0	4	0	0	859
805 COMMUNICAT EDUC PROC	9	2.7	11.8	0	0	6	0	500	0	0	507	4	0	2	0	0	0	513
806 ADJUSTMENT TO CHANGE	9	2.3	4.2	0	0	6	0	304	0	0	310	0	0	0	1	0	0	311
807 AGRIC ECONOMIC CHANG	8	4.0	8.1	0	0	0	0	497	0	0	497	0	0	24	6	0	0	527
SUBTOTAL			47.8		0		0		0		2921		7		15		0	
		19.4		0		152		2769		0		13		110		0		3065
SERIES 900																		
901 ALLEV POLLUTION	5	2.7	5.7	0	0	23	0	132	0	0	155	63	0	68	0	0	0	289
904 WLDLFE AND FISH ECOL	15	8.7	28.5	0	0	265	0	1267	0	0	1533	0	0	15	0	1	185	1734
905 TREES BEAUTIFICATION	2	1.6	6.0	0	0	0	0	275	0	0	275	0	0	21	0	0	0	298
906 ORNAMENT & TURF DEV	5	2.4	5.6	0	0	84	0	245	0	0	330	0	0	0	0	0	0	330
907 RURAL INCOME IMP	4	1.2	3.0	0	0	88	0	104	0	0	192	0	0	0	1	0	0	193
908 RURAL INSTITUT IMP	2	0.9	2.5	0	0	0	0	98	0	0	98	0	0	0	0	0	0	98
SUBTOTAL			51.4		0		0		0		2582		0		1		185	
		17.9		0		460		2122		0		83		104		1		2939
SCIENCE IN SERV OF MAN GRAND TOTAL			484.6		0		57		0		29300		35		130		342	
		174.2		0		3813		25430		0		298		993		3		31101

TABLE IV-B SUMMARY BY COMMODITY OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
0800 WILDLIFE AND FISH	43	13.5	59.2	0	0	0	151	0	93	0	244	0	567	1722	60	98	561	3261
2600 POULTRY	88	28.5	115.1	0	0	80	162	0	216	0	487	81	298	4801	152	623	443	9886
3000 BEEF CATTLE	150	63.6	299.0	0	0	105	555	0	329	0	989	315	10222	5825	4198	2110	2817	26179
3100 DAIRY CATTLE	141	42.5	169.8	0	0	38	248	0	286	0	888	327	2504	4478	1838	1780	1872	12861
3200 SWINE	133	40.4	111.0	0	0	84	428	0	282	0	795	242	1871	5238	838	1742	841	11085
3300 SHEEP AND WOOL	50	13.1	78.1	0	0	14	341	0	103	0	456	128	2568	1240	618	168	318	5783
3400 OTHER ANIMALS	248	114.1	474.0	0	0	11	188	0	141	0	310	247	14223	8054	1380	2868	4978	33088
4000 PEOPLE AS INDIVIDUAL	13	6.1	28.1	0	0	71	0	0	0	0	71	0	744	923	54	63	92	1878
4100 FAMILY MEMBERS	1	0.2	0.0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	11
9300 BIO CELL SYSTEMS	12	3.7	17.8	0	0	0	0	0	3	0	3	0	856	224	58	18	71	1032
6400 EXP DESIGN/STAT METH	1	1.1	0.1	0	0	0	0	0	0	0	0	0	192	0	0	0	0	192
6500 INVERTEBRATES	1	0.1	2.4	0	0	0	0	0	0	0	0	0	54	0	8	0	0	62
6600 MICROORGANISMS VIRUS	13	4.4	12.2	0	0	0	48	0	8	0	54	0	313	181	6	36	87	687
9800 ANIMALS(VERTEBRATES)	118	118.6	488.7	0	0	31	54	0	68	0	151	44	8600	18177	1835	1185	1743	31018
7000 RSCH EQUIP & TECHNOL	8	2.7	10.8	0	0	22	0	0	0	0	22	0	241	367	10	0	18	658
TOTAL		451.0	1827.8	0	0	457	2174	0	1640	0	4171	1362	44028	48682	11276	10745	13238	134830

TABLE IV-C SUMMARY BY PROBLEM AREA OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 200																		
210 CONTR PESTS ANIMALS	3	1.1	3.8	0	0	58	0	0	8	0	68	0	7	112	12	0	2	201
211 CONTR DIS ANIMALS	518	286.7	1113.3	0	0	236	1346	0	1080	0	2668	1204	20418	37677	8846	6028	7448	83893
212 CNTR INTER PARASITES	33	7.3	13.0	0	0	16	38	0	67	0	122	0	363	501	186	142	148	1442
213 PROT ANMLS FROM TOXI	43	33.7	170.3	0	0	16	0	0	108	0	122	32	5364	2414	1721	1871	2980	14204
214 PROTECT FROM POLLUTI	17	13.3	86.5	0	0	0	0	0	0	0	0	8	3638	622	68	110	256	5300
SUBTOTAL		355.2	1386.8	0	0	333	1388	0	1262	0	2880	1245	30080	41825	10516	8152	10833	105140
SERIES 300																		
310 ANIMAL REPRODUCTION	58	18.7	123.3	0	0	0	488	0	54	0	513	36	4475	1634	213	678	562	8138
311 IMP BIO EFF ANML PR	58	22.5	102.3	0	0	0	123	0	64	0	187	72	3458	1551	86	960	783	7077
312 ENV STRESS IN ANML P	22	5.2	18.2	0	0	0	57	0	8	0	66	0	684	381	150	36	71	1389
313 PROD MGMT SYS ANML P	3	0.5	1.3	0	0	0	0	0	3	0	3	0	0	38	66	42	227	376
317 MECH/STRUCTS ANML PR	1	1.5	1.7	0	0	0	0	0	0	0	0	0	0	113	18	1	47	178
318 NON COM BIO TECH/BIM	37	25.0	87.1	0	0	22	0	0	28	0	47	0	3688	1788	85	527	381	6822
SUBTOTAL		74.5	330.8	0	0	22	838	0	156	0	818	108	12572	5803	818	2241	2061	23648
SERIES 400																		
408 PROD ANML PR IMP ACC	3	0.4	7.3	0	0	0	0	0	0	0	0	0	0	7	4	0	28	38
410 IMP MEAT MILK EGG PR	1	0.1	1.1	0	0	0	0	0	15	0	15	0	0	18	0	18	0	51
412 MKT QUAL ANIMAL PROD	2	0.7	8.1	0	0	0	0	0	0	0	0	0	203	265	24	0	0	482
SUBTOTAL		1.3	13.5	0	0	0	0	0	15	0	15	0	203	288	28	18	25	576
SERIES 500																		
511 IMP AGRIC STATISTICS	1	0.2	5.0	0	0	0	0	0	0	0	0	0	0	213	0	0	0	213
SUBTOTAL		0.2	5.0	0	0	0	0	0	0	0	0	0	0	213	0	0	0	213
SERIES 700																		
701 TOX RES IN FOOD	3	2.0	18.3	0	0	31	0	0	80	0	111	36	128	88	0	137	82	543
703 FOOD CONSUMP HABITS	1	0.0	0.8	0	0	0	0	0	0	0	0	0	0	5	10	55	2	72
707 TRANS ANIML MAN DIS	6	4.6	20.3	0	0	0	0	0	0	0	0	0	708	328	44	38	80	1189
708 HUMAN NUTRITION	1	0.1	0.8	0	0	0	0	0	0	0	0	0	0	34	0	4	0	38
709 REDUCE HAZ HLTH & SF	3	0.8	6.8	0	0	0	0	0	0	0	0	0	38	116	0	0	10	164
SUBTOTAL		7.8	47.7	0	0	31	0	0	80	0	111	36	870	550	54	235	154	2012
SERIES 800																		
808 COMMUNICAT EDUC PROC	1	0.8	0.3	0	0	71	0	0	0	0	71	0	0	186	0	0	0	258
SUBTOTAL		0.8	0.3	0	0	71	0	0	0	0	71	0	0	186	0	0	0	258
SERIES 900																		
904 WLDLFE AND FISH ECOL	28	11.4	40.2	0	0	0	151	0	28	0	178	0	280	1317	60	98	434	2378
SUBTOTAL		11.4	40.2	0	0	0	151	0	28	0	178	0	280	1317	60	98	434	2378
SCIENCE IN SERV OF MAN																		
GRAND TOTAL		451.0	1827.8	0	0	457	2174	0	1640	0	4171	1362	44028	48682	11276	10745	13238	134830

TABLE IV-B SUMMARY BY COMMODITY OF 1863 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INC -TRY	OTH -ER	TOTAL
0100 SOIL AND LAND	15	2.3	4.1	0	0	148	225	0	0	0	373	4	2	17	0	7	36	444
0200 WATER	15	1.8	5.4	0	0	885	141	0	0	42	1077	3	2	15	0	8	8	1111
0300 WATERSHEDS RIVER BAS	2	0.0	0.3	0	0	37	18	0	0	0	55	3	2	8	0	0	0	67
0400 AIR AND CLIMATE	3	0.1	0.8	0	0	421	34	0	0	818	1274	0	0	0	0	0	0	1274
0600 TIMBER FORST PRODUCT	31	4.8	16.3	0	0	18	1021	0	0	313	1352	0	17	2	0	0	0	1371
0700 RANGE	6	0.1	0.3	0	0	111	48	0	0	0	158	0	10	0	0	0	22	188
0800 WILDLIFE AND FISH	24	8.7	40.7	0	0	3461	384	0	0	151	4026	148	10	102	8	38	0	4324
1000 FRUIT NUTS DECIDUOUS	1	0.0	0.0	0	0	0	10	0	0	0	10	0	0	0	0	0	0	10
1100 POTATOES	3	0.8	2.8	0	0	71	32	0	0	88	182	0	0	17	0	0	32	240
1200 VEGETABLES	15	3.8	10.2	0	0	0	737	0	0	0	737	11	88	2	0	38	30	874
1300 ORNAMENTALS TURF	2	0.3	2.8	0	0	0	88	0	0	0	88	0	0	0	0	0	0	88
1400 CORN	28	4.2	8.4	0	0	281	758	0	0	114	1130	350	208	24	17	47	8	1783
1500 GRAIN SORGHUM	1	0.1	0.1	0	0	0	8	0	0	0	8	0	0	0	0	0	0	8
1600 RICE	2	0.7	2.3	0	0	0	34	0	0	81	126	0	0	0	0	0	24	150
1700 WHEAT	8	1.0	2.8	0	0	0	188	0	0	48	244	8	27	0	18	8	8	306
1800 OTHER SMALL GRAINS	4	0.0	1.4	0	0	71	213	0	0	0	284	0	0	0	0	0	0	284
2000 FORAGE CROPS	8	1.8	2.8	0	0	230	188	0	0	0	368	12	88	147	33	84	84	773
2100 COTTON	3	0.2	2.8	0	0	0	78	0	0	0	78	0	0	0	0	0	0	78
2200 COTTONSEED	1	0.8	0.8	0	0	78	0	0	0	0	78	0	0	132	0	33	0	241
2300 SOYBEANS	15	3.3	5.8	0	0	84	688	0	0	0	781	18	28	10	0	1	7	808
2600 OTHER OILSEED CROPS	3	0.3	1.3	0	0	0	81	0	0	0	81	0	0	0	0	0	10	102
2800 TOBACCO	2	0.0	1.8	0	0	0	87	0	0	0	87	0	0	0	0	0	0	87
2700 SUGAR CROPS	1	0.1	0.1	0	0	0	13	0	0	0	13	0	3	0	0	0	8	21
2800 MISC NEW CROPS	1	0.0	0.0	0	0	0	0	0	0	148	148	0	0	0	0	0	0	148
2800 POULTRY	8	2.8	8.4	0	0	0	483	0	0	0	483	41	211	0	0	0	0	714
3000 BEEF CATTLE	10	3.2	11.0	0	0	0	848	0	0	0	848	0	0	0	0	0	0	848
3100 DAIRY CATTLE	1	0.0	0.0	0	0	0	48	0	0	0	48	0	0	0	0	0	0	48
3200 SWINE	18	8.8	13.3	0	0	0	887	0	0	138	1034	0	0	80	0	10	42	1145
3400 OTHER ANIMALS	8	3.8	12.8	0	0	0	400	0	0	0	400	0	2287	113	0	0	7	2817
3800 BEES AND HONEY	2	0.2	1.0	0	0	0	83	0	0	0	83	0	0	0	0	0	0	83
3800 FOOD	2	1.8	8.3	0	0	0	70	0	0	170	240	0	0	0	0	0	0	240
3800 HOUSING & EQUIP	1	0.8	0.1	0	0	0	0	0	0	75	75	0	0	0	0	0	0	75
4000 PEOPLE AS INDIVIDUAL	13	4.0	8.1	0	0	0	838	0	0	0	838	17	1081	88	0	80	88	1881
4300 SOC POLIT ORGANIZ	5	0.3	1.4	0	0	0	51	0	0	281	343	0	0	0	0	0	0	343
4400 AGRIC ECONOMY U S	1	0.8	0.4	0	0	0	0	0	0	48	48	0	0	0	17	0	0	82
8100 WEEDS	2	0.3	1.8	0	0	38	32	0	0	0	88	0	0	0	0	0	0	88
8200 SEED RESEARCH	1	0.5	0.1	0	0	0	0	0	0	188	188	0	0	0	0	0	0	188
8300 BIO CELL SYSTEMS	4	0.3	0.8	0	0	0	88	0	0	0	88	0	0	0	0	0	0	88
8500 INVERTEBRATES	28	8.8	20.2	0	0	0	1302	0	0	0	1302	184	803	0	0	0	0	2288
8800 MICROORGANISMS VIRUS	48	7.1	38.3	0	0	14	2088	0	0	0	2078	8	12	107	0	0	18	2221
8700 PLANTS	70	23.1	84.3	0	0	873	2888	0	0	217	3758	23	388	188	0	10	38	4382
8800 ANIMALS(VERTEBRATES)	8	4.2	10.8	0	0	0	820	0	0	0	820	0	2	12	0	0	7	841
8800 RESEARCH ON RSCH MGM	1	0.3	0.1	0	0	0	0	0	0	81	81	0	0	0	8	0	0	88
7000 RSCH EQUIP & TECHNOL	3	0.7	0.8	0	0	23	40	0	0	84	187	0	0	0	0	0	24	180
TOTAL		102.2	305.8	0	0	8840	18244	0	0	3047	24830	802	8205	1000	87	314	488	32817

TABLE IV-O SUMMARY BY PROBLEM AREA OF 1890 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

CLASSIFICATION CATEGORY	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SERIES 100																		
101 APPRAIS OF SOIL RESO	2	0.1	0.2	0	0	18	18	0	0	0	33	0	0	0	0	0	17	51
102 SOIL PLNT WTR NUTRI	18	5.3	6.8	0	0	142	845	0	0	42	828	0	0	0	0	8	81	898
103 MGMT OF SALINE SOILS	2	0.0	0.0	0	0	0	132	0	0	0	132	0	0	0	0	0	0	132
107 WATERSHED PROT & MGM	1	0.1	0.4	0	0	122	0	0	0	0	122	10	0	5	0	0	0	137
109 WEATHER ADAPT & MOD	1	0.0	0.0	0	0	421	0	0	0	0	421	0	0	0	0	0	0	421
110 APPRAIS FORST & RANG	2	0.0	0.9	0	0	8	0	0	0	30	38	0	0	0	0	0	8	46
111 BIOL CULT MGMT FORST	2	0.3	1.0	0	0	0	146	0	0	0	146	0	0	0	0	0	0	146
112 IMPROV RANGE RESOR	5	0.1	0.0	0	0	82	32	0	0	0	123	0	10	0	0	0	0	133
113 REMOTE SENSING	1	0.0	0.0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	2
114 RSCH ON MGMT OF RSCH	1	0.3	0.1	0	0	0	0	0	0	51	51	0	0	0	8	0	0	59
SUBTOTAL			9.3		0		672		0		1885		10		8		87	
		6.3		0		801		0		122		10		8		8		2023
SERIES 200																		
201 CNTRL FORST INSECTS	7	3.3	3.1	0	0	0	318	0	0	0	318	0	32	0	0	0	0	351
202 CONTROL FOREST DIS	1	0.0	0.7	0	0	0	82	0	0	0	82	0	0	0	0	0	0	82
203 FOREST FIRE PROTECT	1	0.0	0.8	0	0	0	0	0	0	81	81	0	0	0	0	0	0	81
204 CNTR PESTS FRT & VEG	4	0.2	0.8	0	0	0	58	0	0	0	58	0	5	0	0	0	0	83
205 CNTR DISE FRT & VEG	5	1.8	4.8	0	0	0	81	0	0	0	81	0	2	5	0	0	8	108
206 CNTR WEEDS FRT & VEG	1	0.8	1.0	0	0	0	0	0	0	152	152	0	0	0	0	0	0	152
207 CNTR PESTS FLD CROPS	2	0.2	0.4	0	0	0	65	0	0	0	65	0	0	0	0	0	0	65
208 CNTR DIS FIELD CROPS	3	0.5	0.0	0	0	0	108	0	0	0	108	0	0	0	0	0	0	108
209 CNTR WEEDS FLD CROPS	3	0.1	1.8	0	0	33	37	0	0	0	70	0	23	0	0	0	0	93
211 CONTR DIS ANIMALS	27	13.4	35.2	0	0	0	1645	0	0	136	1781	41	211	37	0	0	43	2112
214 PROTECT FROM POLLUTI	8	2.8	2.8	0	0	23	335	0	0	84	452	0	0	33	0	0	24	508
SUBTOTAL			51.2		0		2737		0		3238		274		0		75	
		23.2		0		58		0		443		41		74		0		3700
SERIES 300																		
301 GENET BREED FORST TR	2	0.0	0.0	0	0	0	32	0	0	114	146	0	0	0	0	0	0	146
304 IMP BIO EFF FRT & VE	15	3.2	8.3	0	0	25	522	0	0	0	546	11	5	0	0	25	22	608
306 PROD MGMT SYS F & V	1	0.5	0.2	0	0	0	0	0	0	85	85	0	0	0	0	0	0	85
307 IMP BIO EFF FLD CRP	46	9.2	21.7	0	0	308	1786	0	0	318	2423	382	171	183	0	82	37	3287
308 PROD MGMT SYS FLD CR	2	0.2	1.0	0	0	78	0	0	0	0	78	0	23	13	1	1	0	116
310 ANIMAL REPRDOUCTION	10	2.1	6.8	0	0	0	518	0	0	0	518	0	0	23	0	16	0	555
311 IMP BIO EFF ANML PR	8	2.0	7.7	0	0	0	377	0	0	8	388	0	0	0	0	0	0	388
312 ENV STRESS IN ANML P	1	0.0	0.1	0	0	0	88	0	0	0	88	0	0	0	0	0	0	88
314 BEES OTH POLLNTNG IN	2	0.2	1.0	0	0	0	83	0	0	0	83	0	0	0	0	0	0	83
318 NON COM BIO TECH/BIM	107	27.4	100.1	0	0	36	4946	0	0	0	4982	171	1148	237	0	10	55	6605
SUBTOTAL			148.8		0		8349		0		8302		1348		1		114	
		44.9		0		447		0		508		584		435		144		11608
SERIES 400																		
401 NEW IMP FOREST PROD	16	1.9	10.8	0	0	0	587	0	0	108	708	0	0	0	0	0	0	708
402 PROD F & V IMP ACCEP	1	0.4	1.4	0	0	0	32	0	0	0	32	0	0	17	0	0	0	48
403 NEW & IMP F & V PROD	3	0.4	3.8	0	0	0	103	0	0	88	181	0	54	0	0	10	32	287
405 PROD FLD CROP IMP AC	1	0.1	0.8	0	0	0	48	0	0	0	48	0	0	0	0	0	0	48
406 NEW IMP FOOD FLD CRO	2	1.8	3.2	0	0	38	0	0	0	170	208	0	0	88	0	18	0	280
407 NEW IMP NON FOOD FC	7	1.7	1.8	0	0	882	50	0	0	145	858	25	108	88	85	41	48	1210
408 MKT QUAL FIELD CROPS	3	0.2	1.4	0	0	0	85	0	0	81	158	0	0	0	0	0	0	158
409 PROD ANML PR IMP ACC	1	0.0	2.0	0	0	403	0	0	0	0	403	0	0	0	0	0	0	403
SUBTOTAL			24.8		0		884		0		2800		182		85		78	
		6.8		0		1103		0		804		25		148		88		3148
SERIES 500																		
508 DOMESTIC MKT DEVELP	2	1.8	2.1	0	0	236	0	0	0	0	236	145	0	102	5	18	0	508
SUBTOTAL			2.1		0		0		0		236		0		5		0	
		1.8		0		236		0		0		145		102		18		508
SERIES 800																		
801 FGN MKT DEVELP	1	0.8	0.4	0	0	0	0	0	0	45	45	0	0	0	17	0	0	82
SUBTOTAL			0.4		0		0		0		45		0		17		0	
		0.8		0		0		0		45		0		0		0		82
SERIES 700																		
702 FOOD PROT FROM TOX	6	0.8	3.5	0	0	0	436	0	0	0	436	0	0	0	0	0	0	436
706 HUMAN NUTRITION	19	7.5	18.3	0	0	0	927	0	0	0	827	0	3328	113	0	70	97	4535
SUBTOTAL			21.8		0		1383		0		1383		3328		0		97	
		8.1		0		0		0		0		0		113		70		4672
SERIES 800																		
804 ECON POTENT RURL PED	2	0.7	0.8	0	0	0	107	0	0	121	228	17	80	88	0	0	0	375
SUBTOTAL			0.8		0		107		0		228		80		0		0	
		0.7		0		0		0		121		17		88		0		375
SERIES 900																		
901 ALLEV POLLUTION	18	2.9	12.8	0	0	808	437	0	0	883	2240	0	12	51	1	7	17	2328
904 WLDLFE AND FISH ECOL	18	8.2	31.4	0	0	3088	238	0	0	142	3467	0	10	0	0	0	0	3477
908 ORNAMENT & TURF DEV	2	0.3	2.8	0	0	0	88	0	0	0	88	0	0	0	0	0	0	88
907 RURAL INCOME IMP	4	0.4	1.2	0	0	0	81	0	0	127	188	0	0	0	0	0	0	188
908 RURAL INSTITUT IMP	1	0.0	0.3	0	0	0	0	0	0	43	43	0	0	0	0	0	0	43
SUBTOTAL			48.8		0		821		0		6024		22		1		17	
		9.8		0		3887		0		1208		0		51		7		6122
SCIENCE IN SERV OF MAN GRAND TOTAL			305.5		0		15244		0		24830		5205		87		486	
		102.2		0		8840		0		3047		802		1000		314		32817

TABLE IV-E SUMMARY BY STATION OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FEO	STATE APPRO	PROD SALE	INC -TRY	OTH -ER	TOTAL
CONNECTICUT	NEW HAVEN	60	40.4	37.6	731	159	74	74	0	0	0	1035	0	220	3828	0	0	101	5182
CONNECTICUT	STORRS	64	21.3	67.3	931	50	583	80	0	18	0	1662	347	564	2482	4	256	641	5956
DIST OF COLUM	WASHINGTON	11	5.3	23.0	918	0	0	0	0	0	0	518	0	0	328	0	0	0	847
DELAWARE	NEWARK	118	43.7	81.7	1180	95	18	0	0	21	0	1313	252	338	5145	840	841	1004	9533
MASSACHUSETTS	AMHERST	107	42.4	145.2	2008	231	455	263	0	11	0	2967	442	358	2816	384	1289	280	8923
MARYLAND	COLLEGE PA	147	51.1	211.8	2240	242	584	452	0	38	38	3583	0	3554	10878	597	98	887	18186
MAINE	ORONO	116	51.8	133.9	1868	540	551	153	0	21	0	2833	541	1083	5829	371	975	548	12257
NEW HAMPSHIRE	DURHAM	74	25.4	38.4	1307	288	0	0	0	9	0	1604	0	0	2828	234	0	0	4987
NEW JERSEY	NEW BRUNSW	238	77.9	112.9	2588	174	889	808	0	19	0	4284	20	2583	11687	48	398	3807	22921
NEW YORK	ITHACA	837	220.1	2286.8	4358	147	1788	1888	0	24	0	8313	1524	13161	18867	2228	2279	9873	56345
NEW YORK	GENEVA	107	40.1	428.1	758	0	790	348	0	0	0	1898	500	315	6043	400	377	1238	10771
PENNSYLVANIA	COLLEGE PA	322	138.8	510.0	5588	454	1570	817	0	62	4	8277	1148	1898	18142	0	2867	4308	38538
RHODE ISLAND	KINGSTON	40	22.5	21.1	1132	116	0	0	0	7	0	1256	0	42	1581	0	0	80	2858
VERMONT	BURLINGTON	53	23.1	52.4	1318	0	185	34	0	13	1	1532	1085	243	1748	0	887	0	5303
WEST VIRGINIA	MORGANTOWN	81	42.1	104.8	2428	385	15	205	0	12	0	3048	558	333	3332	571	185	373	8385
SUBTOTAL - SAES		2372	845.8	4281.9	28730	2880	7301	5021	0	255	43	44231	6425	24788	95532	5453	10048	23028	208482
FORESTRY SCH	SYRACUSE	114	78.8	216.5	0	438	0	202	0	0	0	639	572	1884	15227	0	2010	1533	21846
FORESTRY SCH	BURLINGTON	12	3.0	5.7	0	277	0	31	0	0	0	308	148	0	371	2	0	92	921
SUBTOTAL - FRSTY SCH		126	81.8	222.2	0	714	0	233	0	0	0	947	721	1884	15598	2	2010	1625	22767
OEL STATE COL	OOVER	5	2.7	7.0	0	0	0	0	464	0	0	464	0	0	90	0	0	0	553
MO. STATE COL	PRINCESS A	13	10.6	12.2	0	0	858	0	837	0	0	1595	22	0	183	0	2	327	2128
SUBTOTAL - 1890/TUSK		18	13.2	19.2	0	0	858	0	1400	0	0	2059	22	0	273	0	2	327	2682
SCH VET MED	MASSACHUSE	18	2.5	5.3	0	0	0	0	0	18	0	18	38	1187	6	0	0	0	1248
SCH VET MED	NEW YORK	136	65.2	458.3	0	0	50	423	0	202	0	675	0	6115	4740	602	880	3062	16074
SCH VET MED	PENNSYLVAN	61	21.5	67.4	0	0	0	44	0	77	0	121	0	4000	418	0	83	1502	6124
SUBTOTAL - VET MED		215	89.2	531.0	0	0	50	468	0	298	0	814	38	11303	5163	602	962	4565	23448
OTH COOP INS	CONNECTICU	4	0.9	6.6	0	0	0	186	0	0	0	186	23	0	80	0	0	8	297
OTH COOP INS	DIST COLUM	3	1.7	0.6	0	0	0	163	0	0	0	163	17	80	68	0	0	0	308
OTH COOP INS	DELAWARE	2	0.4	0.0	0	0	0	78	0	0	0	78	0	0	0	0	0	0	78
OTH COOP INS	MASSACHUSE	21	0.9	32.4	0	0	2153	821	0	0	8	2982	0	22	0	0	0	88	3092
OTH COOP INS	MARYLAND	14	3.3	6.2	0	0	0	788	0	0	0	788	23	14	0	0	0	0	825
OTH COOP INS	MAINE	1	0.1	1.0	0	0	0	27	0	0	0	27	0	0	0	0	0	0	27
OTH COOP INS	N HAMPSHIR	3	1.5	1.3	0	0	0	84	0	0	0	84	0	0	0	0	0	0	84
OTH COOP INS	NEW JERSEY	2	0.0	3.1	0	0	0	151	0	0	0	151	0	0	0	0	0	0	151
OTH COOP INS	NEW YORK	31	10.2	23.1	0	0	58	1384	0	0	0	1440	0	117	33	0	20	2	1612
OTH COOP INS	PENNSYLVAN	8	3.2	8.3	0	0	108	372	0	0	0	481	0	0	0	0	12	0	493
OTH COOP INS	RHODE ISLA	4	0.8	2.0	0	0	0	174	0	0	0	174	0	0	0	0	0	0	174
OTH COOP INS	VERMONT	2	0.1	2.2	0	0	0	183	0	0	88	250	0	0	0	0	0	0	250
OTH COOP INS	W VIRGINIA	1	0.2	1.5	0	0	0	32	0	0	0	32	0	0	0	0	0	0	32
SUBTOTAL - OCI		87	23.1	88.3	0	0	2318	4433	0	0	95	6847	63	212	182	0	32	98	7434
TOTAL		2828	1053.3	5120.8	28730	3595	10327	10154	1400	553	138	54897	7268	38147	116747	6057	13052	29844	285813

TABLE IV-E SUMMARY BY STATION OF 1983 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

STATION		NO OF PROJ	STAFF YRS SUPPORT SYS	STAFF YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
ALABAMA	AUBURN	231	121.5	584.6	3614	588	447	446	0	46	0	5136	1180	1288	18698	4338	722	2687	32043
ARKANSAS	FAYETTEVIL	242	124.2	575.5	3128	488	2447	183	0	83	0	6339	1287	813	18708	0	2030	3941	33118
FLORIDA	GAINESVILL	640	373.9	1061.5	2665	485	2022	1406	0	81	4	6677	2048	8108	59335	0	3851	8108	88128
GEORGIA	ATHENS	376	179.3	524.5	4270	578	728	444	0	16	0	6040	1482	2172	35826	0	762	3782	50064
KENTUCKY	LEXINGTON	198	116.2	413.0	4523	368	452	542	0	76	0	5865	857	604	17298	1348	710	1805	28367
LOUISIANA	BATON ROUG	382	169.0	262.0	2903	370	363	74	0	58	74	3843	420	682	22863	3415	2353	3101	36687
MISSISSIPPI	STATE COLL	291	140.4	640.5	3707	574	2731	251	0	71	0	7335	1878	1078	18121	1586	3802	3518	35320
NORTH CAROLINA	RALEIGH	527	206.0	754.3	5931	0	228	911	0	86	0	7159	2420	8885	33616	1561	2845	6705	63495
OKLAHOMA	STILLWATER	221	111.5	370.7	2818	300	976	356	0	143	0	4595	702	1284	17138	156	1944	2635	28437
PUERTO RICO	RIO PIEDRA	83	52.3	378.6	3788	75	400	0	0	0	0	4265	0	0	6822	284	0	0	11470
SOUTH CAROLINA	CLEMSON	208	110.1	440.2	3107	0	441	288	0	26	24	3885	700	2088	16318	0	2536	372	25888
TENNESSEE	KNOXVILLE	168	69.1	382.1	4371	414	121	468	0	84	0	5439	386	885	15958	3416	1070	373	27477
TEXAS	COLLEGE ST	467	316.1	1564.1	5921	233	1844	1979	0	416	112	10508	5088	12666	51611	993	111213	0	101598
VIRGINIA	BLACKSBURG	292	180.2	545.6	3785	517	0	0	0	83	0	4385	2356	5881	21833	0	5025	3278	42358
VIRGIN ISLANDS	ST. THOMAS	20	5.1	26.7	755	48	170	0	0	0	0	973	0	0	391	14	0	0	1378
SUBTOTAL - SAES		4356	2317.9	6583.6	55286	5054	13373	7338	0	1262	214	82527	20748	46505	351034	26053	38863	40113	605842
FORESTRY SCH	RUSTON	8	3.1	1.0	0	156	0	0	0	0	0	156	0	0	142	0	5	21	324
FORESTRY SCH	RALEIGH	40	16.0	98.5	0	562	75	377	0	0	0	1014	657	1049	1854	1263	720	568	7186
FORESTRY SCH	CLEMSON	40	12.9	29.0	0	460	0	0	0	0	0	460	0	0	1252	60	0	0	1772
FORESTRY SCH	NACOGOOCHE	12	4.8	17.6	0	240	0	0	0	0	0	240	104	310	874	0	0	1357	2685
SUBTOTAL - FRSTY SCH		100	36.8	146.1	0	1418	75	377	0	0	0	1870	761	1359	3822	1343	725	1966	11946
ALA TUSKEGEE	TUSKEGEE	14	15.4	29.9	0	0	280	0	1432	0	0	1862	0	0	0	0	0	0	1892
ALABAMA A&M	NORMAL	24	9.7	24.6	0	0	0	0	1491	0	0	1491	278	35	248	0	0	0	2051
ARKANSAS A&M	PINE BLUFF	12	6.6	26.5	0	0	0	0	1356	0	0	1356	0	0	15	0	1	0	1372
FLORIDA A&M	TALLAHASSE	13	15.2	22.0	0	0	262	0	1126	0	0	1388	0	0	222	0	0	0	1610
FT. VALLEY COL	FORT VALLE	17	8.4	27.5	0	0	77	0	1648	0	0	1725	0	0	0	0	0	0	1725
KY STATE COLL	FRANKFORT	20	13.0	40.2	0	0	272	0	1881	0	0	2233	0	0	0	0	0	0	2233
SOUTHERN UNIV	BATON ROUG	14	7.5	28.3	0	0	186	0	1218	0	0	1404	0	0	0	0	0	0	1404
ALCORN A&M	LORMAN	12	5.6	33.4	0	0	307	0	1559	0	0	1866	0	0	0	0	0	0	1866
AG TECH NC.	GREENSBORO	20	9.6	52.1	0	0	0	0	2373	0	0	2373	0	0	0	76	0	0	2449
LANGSTON UNIV	LANGSTON	10	5.1	22.8	0	0	255	0	1073	0	0	1328	0	0	172	0	0	15	1515
SC STATE COLL	ORANGEBURG	18	9.6	27.2	0	0	261	0	1221	0	0	1482	0	0	0	0	0	0	1482
TEN A&M INO	NASHVILLE	16	14.7	35.0	0	0	982	0	1865	0	0	2847	0	0	0	0	0	0	2847
PRAIRIE VW A&M	PRAIRIE VI	17	11.8	34.4	0	0	119	57	2166	0	0	2342	0	0	0	0	0	0	2342
VA STATE COLL	PETERSBURG	13	12.0	35.8	0	0	86	0	1803	0	0	1888	0	0	0	0	0	0	1888
SUBTOTAL - 1890/TUSK		218	147.5	440.7	0	0	3067	57	22062	0	0	25217	278	35	858	76	1	15	28278
SCH VET MED	TUSKEGEE AL	2	0.2	0.2	0	0	0	0	0	2	0	2	0	0	0	0	0	0	2
SCH VET MED	AUBURN AL	32	17.0	36.5	0	0	0	84	0	86	0	150	0	184	2608	0	50	2	2674
SCH VET MED	FLORIDA	41	14.8	37.6	0	0	33	42	0	51	0	126	1	447	3338	0	192	717	4821
SCH VET MED	GEORGIA	31	28.5	52.4	0	0	31	211	0	122	0	364	62	268	4369	0	155	355	5803
SCH VET MED	LOUISIANA	6	9.6	12.2	0	0	0	0	0	43	0	43	0	0	817	69	333	29	1091
SCH VET MED	N CAROLINA	12	5.4	15.0	0	0	0	155	0	12	0	167	70	608	580	0	188	134	1749
SCH VET MED	TEXAS	8	27.0	54.1	0	0	0	0	0	0	0	0	136	1190	2165	57	678	532	4658
SUBTOTAL - VET MED		133	102.5	208.0	0	0	64	472	0	316	0	852	268	2677	13707	126	1797	1770	21197
OTH COOP INS	ALABAMA	2	0.4	3.3	0	0	0	90	0	0	0	90	0	0	0	0	0	0	90
OTH COOP INS	ARKANSAS	1	0.0	1.2	0	0	0	50	0	0	0	50	0	0	0	0	0	0	50
OTH COOP INS	FLORIDA	9	10.2	16.0	0	0	0	366	0	0	65	434	0	246	15	0	0	0	696
OTH COOP INS	GEORGIA	10	1.1	7.2	0	0	122	381	0	0	195	698	10	37	27	0	0	0	773
OTH COOP INS	KENTUCKY	3	1.4	1.4	0	0	0	133	0	0	0	133	0	0	0	0	0	1	134
OTH COOP INS	LOUISIANA	10	4.5	13.0	0	0	0	420	0	0	170	590	0	10	37	0	0	0	637
OTH COOP INS	MISSISSIPP	5	1.2	2.8	0	0	611	72	0	0	145	828	0	0	0	0	10	0	838
OTH COOP INS	N CAROLINA	18	4.2	10.6	0	0	2	806	0	0	68	880	0	120	4	0	0	5	1008
OTH COOP INS	OKLAHOMA	4	0.2	2.2	0	0	46	154	0	0	0	200	0	0	0	0	0	22	222
OTH COOP INS	S CAROLINA	3	0.3	3.7	0	0	0	126	0	0	0	126	0	0	0	0	0	0	126
OTH COOP INS	TENNESSEE	8	3.1	12.6	0	0	0	556	0	0	0	556	0	2267	53	0	0	7	2616
OTH COOP INS	TEXAS	26	5.9	20.0	0	0	76	1213	0	0	121	1410	25	108	177	65	58	86	1931
SUBTOTAL - OCI		101	32.5	94.0	0	0	856	4378	0	0	785	5699	35	2818	312	65	68	124	8421
TOTAL		4908	2637.2	6472.7	55286	6472	17435	12616	22062	1578	978	116464	22085	53364	366834	27663	41455	43988	674684

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STATION		NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INC -TRY	OTH -ER	TOTAL
ILLINOIS	URBANA	319	154.8	553.6	5002	180	899	1294	0	150	38	7542	807	3683	14172	3857	4781	2888	37530
INDIANA	LAFAYETTE	342	150.4	685.7	4527	326	115	488	0	84	0	5540	2498	6540	22122	4516	4785	2656	48928
IOWA	AMES	387	187.4	857.7	5378	198	3818	784	0	42	0	10017	2053	7138	24697	4815	6445	0	56283
KANSAS	MANHATTAN	374	178.5	581.8	3088	181	1072	832	0	182	0	5454	898	4028	21501	5510	1941	2708	41512
MICHIGAN	LANSING	504	148.4	298.8	4598	189	5805	1312	0	75	15	11743	1635	7477	22478	2868	3185	3230	52954
MINNESOTA	ST PAUL	378	182.4	834.8	4487	437	1014	477	0	75	2	6492	2555	2283	31253	4587	3528	7788	58478
MISSOURI	COLUMBIA	393	131.8	588.7	4278	345	1723	1150	0	182	43	7702	1168	1733	18387	3072	2328	2852	33638
NORTH DAKOTA	FARGO	213	127.0	351.3	2180	70	1887	280	0	52	70	4560	824	1488	13308	2228	802	2450	25961
NEBRASKA	LINCOLN	355	149.5	798.8	3039	140	1452	700	0	204	1437	6872	2343	3587	24537	11188	1934	2249	52488
OHIO	WOOSTER	378	123.3	482.9	5332	334	1418	417	0	72	0	7574	823	1621	18649	1888	4138	1150	35924
SOUTH DAKOTA	BROOKINGS	153	79.8	299.8	2233	105	180	223	0	100	0	2840	211	787	8783	3772	489	117	14688
WISCONSIN	MADISON	524	188.5	708.9	4807	427	825	2744	0	178	72	8953	728	20388	27559	0	11414	878	68888
SUBTOTAL - SAES		4321	1768.6	8778.7	48731	2870	18614	10811	0	1388	1677	85388	18080	60723	242741	48082	48185	28280	526459
FORESTRY SCH	CARBONDALE	13	9.0	18.8	0	154	0	0	0	0	0	154	0	0	392	5	28	82	632
FORESTRY SCH	ANN ARBOR	18	3.2	20.2	0	172	0	0	0	0	0	172	188	350	765	0	17	57	1550
FORESTRY SCH	HOUGHTON	21	17.1	84.5	0	161	87	98	0	0	0	323	0	30	2352	0	704	1188	4578
SUBTOTAL - FRSTY SCH		53	29.3	123.3	0	486	87	88	0	0	0	649	188	380	3480	5	750	1308	8788
LINCOLN UNIV	JEFFERSON	18	13.5	24.7	0	0	87	0	1838	0	0	2025	0	0	82	54	0	0	2141
SUBTOTAL - 1890/TUSK		18	13.5	24.7	0	0	87	0	1838	0	0	2025	0	0	82	54	0	0	2141
SCH VET MED	ILLINOIS	118	38.3	89.7	0	0	148	285	0	0	0	434	155	1727	2849	1040	887	1114	8018
SCH VET MED	IOWA	120	25.2	81.2	0	0	115	205	0	205	0	525	37	736	4811	0	1110	885	7605
SCH VET MED	MINNESOTA	22	16.8	74.8	0	0	48	95	0	100	0	240	0	1528	2158	2248	1134	0	7308
SCH VET MED	MISSOURI	40	31.4	88.4	0	0	0	0	0	0	0	0	0	878	2380	1387	80	380	5087
SCH VET MED	OHIO	40	14.3	48.9	0	0	2	5	0	38	0	45	0	781	0	0	108	820	1852
SUBTOTAL - VET MED		340	124.1	344.1	0	0	310	580	0	343	0	1244	193	5852	12188	4855	3137	3068	30177
OTH COOP INS	ILLINOIS	18	5.1	15.5	0	0	104	884	0	0	818	1807	145	2	152	8	81	5	1880
OTH COOP INS	INDIANA	4	1.2	3.4	0	0	0	115	0	0	0	115	0	0	80	0	0	10	185
OTH COOP INS	IOWA	8	3.7	4.8	0	0	0	352	0	0	0	352	0	0	17	0	0	8	377
OTH COOP INS	KANSAS	2	0.4	1.8	0	0	0	78	0	0	0	78	0	0	0	0	0	0	78
OTH COOP INS	MICHIGAN	4	1.3	2.8	0	0	0	118	0	0	75	181	0	0	0	0	0	3	184
OTH COOP INS	MINNESOTA	4	0.2	2.7	0	0	0	88	0	0	143	232	0	0	0	0	0	0	232
OTH COOP INS	MISSOURI	13	3.2	15.8	0	0	84	583	0	0	98	773	0	0	14	0	0	13	800
OTH COOP INS	N DAKOTA	4	0.0	0.0	0	0	1408	0	0	0	0	1408	0	0	0	0	0	0	1408
OTH COOP INS	NEBRASKA	4	1.5	3.8	0	0	0	187	0	0	0	187	0	0	73	0	0	0	260
OTH COOP INS	OHIO	14	4.3	8.5	0	0	85	867	0	0	0	752	184	1041	28	0	78	43	2103
OTH COOP INS	WISCONSIN	18	2.4	18.1	0	0	198	803	0	0	0	1002	11	0	147	0	77	0	1237
SUBTOTAL - OCI		82	23.3	74.8	0	0	1880	3874	0	0	1133	6898	320	1044	486	8	214	84	8854
TOTAL		4825	1847.1	7348.7	48731	3358	22289	15171	1938	1728	2810	98004	18780	67788	258871	52783	52288	32770	577361

TABLE IV-E SUMMARY BY STATION OF 1890 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	INC -TRY	OTH -ER	TOTAL
ALASKA	FAIRBANKS	34	20.6	35.8	602	357	76	19	0	7	0	1394	0	505	2344	0	21	245	4464
ARIZONA	TUCSON	235	146.6	913.0	1772	124	307	882	0	46	74	3308	2074	7595	15917	1776	2016	3218	36575
CALIFORNIA	BERKELEY	1113	510.6	1509.5	4979	441	1434	5420	0	192	1921	13757	3017	20763	56199	1296	16366	1194	146513
COLORADO	FT COLLINS	155	95.1	370.8	2490	295	0	0	0	0	0	2726	3585	5329	5390	3252	1461	590	25389
GUAM	AGANA	28	13.1	32.2	780	39	230	0	0	0	0	1045	0	0	1964	0	0	0	2709
HAWAII	HONOLULU	230	91.4	174.6	1173	131	2198	159	0	7	0	3997	441	1935	13293	531	126	2017	22010
IDAHO	MOSCOW	153	86.1	180.4	1915	0	300	265	0	45	72	2933	1780	1025	9863	481	1261	822	17550
MONTANA	BOZEMAN	148	76.0	248.9	1905	0	583	408	0	71	10	2987	207	880	7337	1380	493	2588	16813
NEVADA	RENO	138	37.1	78.5	1104	59	2	288	0	24	0	1458	67	1415	3807	885	570	155	8370
NEW MEXICO	UNIV PARK	128	85.3	154.8	1472	219	750	192	0	38	128	2770	1115	710	7887	213	580	422	13755
N MARIANAS	SAIPAN	2	0.5	1.3	513	0	0	0	0	0	0	513	0	0	0	0	0	120	633
OREGON	CORVALLIS	264	198.6	390.8	2550	0	1879	1098	0	80	0	5735	1529	7875	20030	2157	2524	2505	42355
AMERICAN SAMOA	PAGO PAGO	3	0.0	12.3	648	0	0	0	0	0	0	648	0	0	0	0	0	0	648
UTAH	LOGAN	220	71.2	128.8	1908	151	59	211	0	57	0	2053	739	2311	7059	155	1662	1559	15900
WASHINGTON	PULLMAN	268	115.5	472.5	3303	279	1993	681	0	174	0	6400	912	3587	15028	1942	1041	5350	37261
WYOMING	LARAMIE	73	35.3	39.8	1404	185	59	353	0	38	45	2085	119	880	3948	15	158	219	8991
SUBTOTAL - SAES		3214	1550.5	4722.5	25215	2247	9850	10053	0	788	1850	53207	15632	57700	205705	14090	31621	20785	401740
FORESTRY SCH	FLAGSTAFF	45	5.6	34.5	0	127	0	0	0	0	0	127	309	250	436	0	361	141	1985
FORESTRY SCH	S L OBISPO	2	1.8	2.2	0	27	0	0	0	0	0	27	0	0	122	1	0	70	220
FORESTRY SCH	ARCATA	11	1.0	0.0	0	83	0	0	0	0	0	83	0	0	103	0	37	34	257
FORESTRY SCH	FT COLLINS	10	1.4	5.3	0	0	0	0	0	0	0	0	0	0	42	21	211	45	319
FORESTRY SCH	MOSCOW	22	15.7	31.1	0	384	14	33	0	0	0	442	25	151	1502	518	293	195	3127
FORESTRY SCH	MISSOULA	78	24.1	80.2	0	393	0	0	0	0	0	393	464	984	528	249	15	823	3857
FORESTRY SCH	CORVALLIS	51	61.0	202.7	0	932	565	122	0	0	0	1618	3077	2239	4495	2725	828	572	15825
FORESTRY SCH	SEATTLE	165	15.8	144.8	0	342	323	351	0	0	0	1048	1982	2724	5232	0	1080	1390	13085
SUBTOTAL - FRSTY SCH		355	132.8	450.5	0	1898	1203	536	0	0	0	3737	5533	9408	12731	3515	2538	3814	35375
SCH VET MED	CALIFORNIA	48	87.8	374.0	0	0	0	0	0	283	0	283	305	7704	14827	472	1735	0	25105
SCH VET MED	COLORADO	14	41.3	294.4	0	0	34	503	0	304	0	841	123	13259	1045	5421	2470	3253	26436
SCH VET MED	OREGON	22	2.2	11.0	0	0	0	0	0	16	0	16	0	145	239	0	0	329	729
SCH VET MED	WASHINGTON	15	24.1	85.1	0	0	0	143	0	0	0	143	495	3287	2709	0	944	192	7439
SUBTOTAL - VET MED		100	135.2	744.5	0	0	34	949	0	583	0	1292	883	24394	18813	5893	4848	3804	59707
OTH COOP INS	ARIZONA	5	4.2	9.3	0	0	0	247	0	0	40	257	0	30	0	0	0	0	317
OTH COOP INS	CALIFORNIA	30	9.5	19.0	0	0	0	1187	0	0	519	1707	385	287	0	0	0	44	2432
OTH COOP INS	COLORADO	7	2.0	2.0	0	0	98	139	0	0	205	407	0	49	0	25	0	0	478
OTH COOP INS	HAWAII	5	1.8	7.3	0	0	505	208	0	0	0	714	0	0	0	0	0	0	714
OTH COOP INS	IDAHO	2	0.4	1.5	0	0	50	0	0	0	88	138	0	0	0	0	0	32	170
OTH COOP INS	MONTANA	1	0.1	0.9	0	0	0	41	0	0	0	41	0	0	0	0	0	0	41
OTH COOP INS	NEW MEXICO	1	0.1	0.2	0	0	48	0	0	0	0	48	0	0	0	0	0	0	48
OTH COOP INS	OREGON	7	3.5	9.5	0	0	78	228	0	0	141	445	0	8	0	0	0	87	544
OTH COOP INS	UTAH	5	2.2	1.5	0	0	27	208	0	0	0	235	0	10	0	0	0	0	245
OTH COOP INS	WASHINGTON	8	2.3	7.0	0	0	798	376	0	0	0	1172	0	733	12	0	0	0	1917
OTH COOP INS	WYOMING	2	0.1	0.8	0	0	0	130	0	0	81	181	0	5	5	0	0	0	201
SUBTOTAL - OCI		73	23.3	50.3	0	0	1575	2759	0	0	1054	5357	385	1131	17	25	0	193	7108
TOTAL		3772	1841.8	5965.4	28215	4249	12792	13894	0	1371	3004	93594	22442	59633	240088	23523	39305	28389	506833
GRAND TOTAL		19333	7478.5	27938.4	180998	17999	82793	51937	25430	5231	8631	330959	85577	248872	885418	110025	148101	134788	2024821

SAES REGION 1 NORTHEAST REGION -- (INCLUDES SAES - OTHER INSTITUTIONS)

TABLE IV-F FY 1983 SUMMARY OF FUNDS AND STAFF SUPPORT WITH BREAKOUT BY OTHER FEDERAL FUND SOURCES -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT YRS SYS	OTHER	CSRS AOM	USDA CGCA	NSF	ODE	AID	DOD	NIH	PHS	HHS	NASA	TVA	OTH -ER	TOTAL OTHER FED	TOTAL NON-FED	TOTAL
CONNECTICUT	NEW HAVEN	80	40.4	37.8	1035	0	0	0	0	0	83	55	0	0	0	102	220	3627	5182
CONNECTICUT	STORRS	64	21.3	67.3	1662	347	0	0	0	0	451	5	0	0	0	108	564	3382	5655
DIST OF COLUM	WASHINGTON	11	5.3	23.0	516	0	0	0	0	0	0	0	0	0	0	0	0	328	847
DELAWARE	NEWARK	118	43.7	81.7	1313	252	0	0	0	0	0	0	0	0	0	338	338	7630	8533
MASSACHUSETTS	AMHERST	107	42.4	145.2	2667	442	156	0	0	0	146	0	0	0	0	52	356	4858	8623
MARYLAND	COLLEGE PA	147	51.1	211.6	3563	0	228	113	108	180	537	0	0	42	0	2336	3554	12038	16188
MAINE	ORONO	115	51.6	133.6	2633	541	225	0	0	0	126	0	0	0	0	711	1063	7721	12257
NEW HAMPSHIRE	DURHAM	74	25.4	38.4	1804	0	0	0	0	0	0	0	0	0	0	0	0	3063	4867
NEW JERSEY	NEW BRUNSW	238	77.6	112.6	4284	20	428	88	0	0	0	560	0	74	0	1402	2583	18035	22621
NEW YORK	ITHACA	837	220.1	2265.8	8313	1524	3382	544	1067	373	0	0	6234	75	0	1455	13181	33347	56345
NEW YORK	GENEVA	107	40.1	428.1	1868	500	182	0	0	0	0	0	122	0	0	0	315	8058	10771
PENNSYLVANIA	COLLEGE PA	322	138.6	510.0	8277	1148	424	0	381	0	344	41	0	0	0	806	1666	25118	36538
RHODE ISLAND	KINGSTON	40	22.5	21.1	1256	0	0	0	0	0	0	0	0	0	0	42	42	1660	2858
VERMONT	BURLINGTON	53	23.1	52.4	1532	1065	60	76	0	0	0	7	0	0	0	87	243	2433	5303
WEST VIRGINIA	MORGANTOWN	81	42.1	104.8	3046	556	0	0	0	0	0	0	0	0	0	333	333	4481	8365
SUBTOTAL - SAES		2372	845.8	4261.8	44231	6425	5130	824	1588	563	1667	668	6357	161	0	7751	24768	134056	206482
FORESTRY SCH	SYRACUSE	114	78.8	216.5	636	572	147	165	0	66	106	0	0	0	12	1306	1864	18770	21846
FORESTRY SCH	BURLINGTON	12	3.0	5.7	308	148	0	0	0	0	0	0	0	0	0	0	0	464	621
SUBTOTAL - FRSTY SCH		126	81.8	222.2	647	721	147	165	0	66	106	0	0	0	12	1306	1864	18235	22767
OEL STATE COL	OOVER	5	2.7	7.0	464	0	0	0	0	0	0	0	0	0	0	0	0	80	553
MO. STATE COL	PRINCESS A	13	10.5	12.2	1565	22	0	0	0	0	0	0	0	0	0	0	0	511	2128
SUBTOTAL - 1880/TUSK		18	13.2	19.2	2058	22	0	0	0	0	0	0	0	0	0	0	0	601	2682
SCH VET MED	MASSACHUSE	18	2.5	5.3	18	38	0	0	0	0	1187	0	0	0	0	0	1187	6	1246
SCH VET MED	NEW YORK	136	65.2	458.3	675	0	230	0	0	36	0	0	5814	0	0	35	6115	6284	16074
SCH VET MED	PENNSYLVAN	61	21.5	67.4	121	0	0	0	0	0	4000	0	0	0	0	0	4000	2003	6124
SUBTOTAL - VET MED		215	88.2	531.0	814	38	230	0	0	36	5188	0	5814	0	0	35	11303	11263	23448
OTH COOP INS	CONNECTICU	4	0.8	8.8	188	23	0	0	0	0	0	0	0	0	0	0	0	88	287
OTH COOP INS	DIST COLUM	3	1.7	0.8	163	17	0	0	0	0	0	0	0	0	0	80	80	88	308
OTH COOP INS	DELAWARE	2	0.4	0.0	78	0	0	0	0	0	0	0	0	0	0	0	0	0	78
OTH COOP INS	MASSACHUSE	21	0.8	32.4	2882	0	22	0	0	0	0	0	0	0	0	0	22	88	3062
OTH COOP INS	MARYLAND	14	3.3	8.2	788	23	0	0	0	0	14	0	0	0	0	0	14	0	825
OTH COOP INS	MAINE	1	0.1	1.0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	27
OTH COOP INS	N HAMPSHIR	3	1.5	1.3	84	0	0	0	0	0	0	0	0	0	0	0	0	0	84
OTH COOP INS	NEW JERSEY	2	0.0	3.1	151	0	0	0	0	0	0	0	0	0	0	0	0	0	151
OTH COOP INS	NEW YORK	31	10.2	23.1	1440	0	108	0	0	0	0	0	0	0	0	8	117	55	1612
OTH COOP INS	PENNSYLVAN	8	3.2	8.3	481	0	0	0	0	0	0	0	0	0	0	0	0	12	493
OTH COOP INS	RHODE ISLA	4	0.8	2.0	174	0	0	0	0	0	0	0	0	0	0	0	0	0	174
OTH COOP INS	VERMONT	2	0.1	2.2	250	0	0	0	0	0	0	0	0	0	0	0	0	0	250
OTH COOP INS	W VIRGINIA	1	0.2	1.5	32	0	0	0	0	0	0	0	0	0	0	0	0	0	32
SUBTOTAL - OCI		87	23.1	86.3	6847	63	130	0	0	0	14	0	0	0	0	88	212	313	7434
TOTAL		2828	1053.3	5120.6	54867	7266	5638	1018	1588	664	6878	668	12171	161	12	8180	38147	165500	265813

TABLE IV-F FY 1983 SUMMARY OF FUNDS AND STAFF SUPPORT WITH BREAKOUT BY OTHER FEDERAL FUND SOURCES -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT YRS SYS	OTHER	CSRS AOM	USDA CGCA	NSF	DOE	AID	DOD	NIH	PHS	HHS	NASA	TVA	OTH -ER	TOTAL OTHER FED	TOTAL NON-FED	TOTAL
ALABAMA	AUBURN	231	121.5	564.6	5139	1180	46	0	0	0	0	188	0	0	83	1012	1288	24455	32043
ARKANSAS	FAYETTEVIL	242	124.2	575.5	6338	1287	0	0	1	0	0	0	0	0	32	780	813	24877	33118
FLORIDA	GAINESVILL	840	373.8	1091.5	8877	2048	813	72	1924	34	2151	0	0	28	10	3277	8108	71282	88128
GEORGIA	ATHENS	378	178.3	524.8	8040	1482	85	27	853	0	0	0	83	21	44	858	2172	40370	50084
KENTUCKY	LEXINGTON	188	118.2	413.0	5885	857	187	90	0	0	58	0	0	0	78	181	804	20981	26387
LOUISIANA	BATON ROUG	382	189.0	282.0	3843	420	57	0	2	0	0	0	0	148	5	482	892	31732	38887
MISSISSIPPI	STATE COLL	281	140.4	840.5	7335	1878	0	0	281	54	0	12	0	0	100	851	1078	25028	35320
NORTH CAROLINA	RALEIGH	527	208.0	754.3	7159	2420	903	0	3938	112	0	2804	0	53	5	1288	8885	45030	63495
OKLAHOMA	STILLWATER	221	111.5	370.7	4595	702	342	108	0	88	582	0	0	0	0	184	1284	21878	28437
PUERTO RICO	RIO PIEDRA	83	52.3	378.8	4285	0	0	0	0	0	0	0	0	0	0	0	0	7208	11470
SOUTH CAROLINA	CLEMSON	208	110.1	440.2	3885	700	52	0	0	0	0	0	0	0	0	2045	2088	19224	25888
TENNESSEE	KNOXVILLE	188	88.1	382.1	5438	388	0	343	0	21	0	0	0	32	77	381	855	20817	27477
TEXAS	COLLEGE ST	487	318.1	1594.1	10508	5088	1088	188	2830	575	5483	85	1705	58	20	887	12888	73055	101588
VIRGINIA	BLACKSBURG	292	180.2	545.8	4385	2358	480	191	0	221	0	1138	0	0	0	3849	5881	28938	42358
VIRGIN ISLANDS	ST. THOMAS	20	5.1	28.7	973	0	0	0	0	0	0	0	0	0	0	0	0	405	1378
SUBTOTAL - SAES		4358	2317.9	8583.9	82527	20748	3854	998	9810	1085	8285	3888	1788	335	435	15848	46505	458084	605842
FORESTRY SCH	RUSTON	8	3.1	1.0	158	0	0	0	0	0	0	0	0	0	0	0	0	188	324
FORESTRY SCH	RALEIGH	40	18.0	88.5	1014	857	17	88	0	0	0	0	0	0	0	884	1048	4445	7188
FORESTRY SCH	CLEMSON	40	12.8	28.0	480	0	0	0	0	0	0	0	0	0	0	0	0	1312	1772
FORESTRY SCH	NACOGDOCHE	12	4.8	17.8	240	104	0	0	0	0	0	0	0	0	0	310	310	2031	2685
SUBTOTAL - FRSTY SCH		100	38.8	148.1	1870	781	17	88	0	0	0	0	0	0	0	1273	1358	7858	11848
ALA TUSKEGEE	TUSKEGEE	14	15.4	28.8	1892	0	0	0	0	0	0	0	0	0	0	0	0	0	1882
ALABAMA A&M	NORMAL	24	8.7	24.8	1491	278	1	0	0	0	0	0	0	27	7	0	35	248	2051
ARKANSAS A&M	PINE BLUFF	12	8.8	28.5	1358	0	0	0	0	0	0	0	0	0	0	0	0	17	1372
FLORIDA A&M	TALLAHASSE	13	15.2	22.0	1388	0	0	0	0	0	0	0	0	0	0	0	0	222	1810
FT. VALLEY COL	FORT VALLE	17	8.4	27.5	1725	0	0	0	0	0	0	0	0	0	0	0	0	0	1725
KY STATE COLL	FRANKFORT	20	13.0	40.2	2233	0	0	0	0	0	0	0	0	0	0	0	0	0	2233
SOUTHERN UNIV	BATON ROUG	14	7.5	28.3	1404	0	0	0	0	0	0	0	0	0	0	0	0	0	1404
ALCORN A&M	LORMAN	12	5.8	33.4	1888	0	0	0	0	0	0	0	0	0	0	0	0	0	1888
AG TECH NC.	GREENSBORO	20	8.8	52.1	2373	0	0	0	0	0	0	0	0	0	0	0	0	78	2448
LANGSTON UNIV	LANGSTON	10	5.1	22.8	1328	0	0	0	0	0	0	0	0	0	0	0	0	187	1518
SC STATE COLL	ORANGEBURG	18	8.8	27.2	1482	0	0	0	0	0	0	0	0	0	0	0	0	0	1482
TEN A&M INO	NASHVILLE	18	14.7	35.0	2847	0	0	0	0	0	0	0	0	0	0	0	0	0	2847
PRAIRIE VW A&M	PRAIRIE VI	17	11.8	34.4	2342	0	0	0	0	0	0	0	0	0	0	0	0	0	2342
VA STATE COLL	PETERSBURG	13	12.0	35.8	1888	0	0	0	0	0	0	0	0	0	0	0	0	0	1888
SUBTOTAL - 1880/TUSK		218	147.5	440.7	25217	278	1	0	0	0	0	0	0	27	7	0	35	750	28278
SCH VET MED	TUSKEGEE AL	2	0.2	0.2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SCH VET MED	AUBURN AL	32	17.0	38.5	150	0	0	0	0	0	85	78	0	0	0	0	184	2880	2874
SCH VET MED	FLORIDA	41	14.8	37.8	128	1	48	0	0	2	384	0	0	0	0	15	447	4247	4821
SCH VET MED	GEORGIA	31	28.5	52.4	384	82	0	0	0	0	213	0	0	0	0	55	288	4908	5803
SCH VET MED	LOUISIANA	9	8.8	12.2	43	0	0	0	0	0	0	0	0	0	0	0	0	1048	1081
SCH VET MED	N CAROLINA	12	5.4	15.0	187	70	0	0	0	0	520	88	0	0	0	0	808	903	1748
SCH VET MED	TEXAS	8	27.0	54.1	0	138	0	0	128	8	983	0	0	0	0	75	1180	3832	4858
SUBTOTAL - VET MED		133	102.5	208.0	852	288	48	0	128	8	2185	167	0	0	0	145	2877	17400	21197
OTH COOP INS	ALABAMA	2	0.4	3.3	80	0	0	0	0	0	0	0	0	0	0	0	0	0	80
OTH COOP INS	ARKANSAS	1	0.0	1.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	50
OTH COOP INS	FLORIDA	9	10.2	18.0	434	0	131	115	0	0	0	0	0	0	0	0	248	15	698
OTH COOP INS	GEORGIA	10	1.1	7.2	698	10	0	25	0	0	0	0	0	0	0	12	37	27	773
OTH COOP INS	KENTUCKY	3	1.4	1.4	133	0	0	0	0	0	0	0	0	0	0	0	0	1	134
OTH COOP INS	LOUISIANA	10	4.5	13.0	590	0	0	0	0	0	0	0	0	0	0	10	10	37	637
OTH COOP INS	MISSISSIPP	5	1.2	2.8	828	0	0	0	0	0	0	0	0	0	0	0	0	10	838
OTH COOP INS	N CAROLINA	18	4.2	10.8	880	0	90	0	0	0	0	0	0	0	0	30	120	8	1008
OTH COOP INS	OKLAHOMA	4	0.2	2.2	200	0	0	0	0	0	0	0	0	0	0	0	0	22	222
OTH COOP INS	S CAROLINA	3	0.3	3.7	128	0	0	0	0	0	0	0	0	0	0	0	0	0	128
OTH COOP INS	TENNESSEE	8	3.1	12.8	558	0	270	0	0	2	2020	0	0	8	0	0	2297	80	2918
OTH COOP INS	TEXAS	28	5.8	20.0	1410	25	0	12	0	0	0	0	0	0	0	88	108	388	1931
SUBTOTAL - OCI		101	32.5	84.0	5888	35	491	152	0	2	2020	0	0	8	0	147	2818	588	8421
TOTAL		4808	2837.2	8472.7	116484	22085	4488	1218	10038	1084	12478	4158	1788	388	442	17412	53384	482748	674884

TABLE IV-F FY 1993 SUMMARY OF FUNDS AND STAFF SUPPORT WITH BREAKOUT BY OTHER FEDERAL FUND SOURCES -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT YRS	OTHER	CSRS AOM	USDA CGCA	NSF	DOE	AID	DOD	NIH	PHS	HHS	NASA	TVA	OTH -ER	TOTAL OTHER FED	TOTAL NON-FED	TOTAL
ILLINOIS	URBANA	318	154.8	553.9	7542	807	142	218	11	572	1	1385	0	57	22	1275	3883	25488	37530
INDIANA	LAFAYETTE	342	150.4	585.7	5540	2488	872	810	1228	238	0	0	1841	903	0	351	8540	34081	48928
IOWA	AMES	387	197.4	857.7	10017	2053	358	147	0	178	0	0	3645	27	244	2835	7139	39057	58293
KANSAS	MANHATTAN	374	178.5	581.8	5454	888	873	174	894	11	0	0	1184	258	25	810	4028	31381	41512
MICHIGAN	LANSING	504	148.4	288.8	11743	1835	515	148	2950	133	1887	281	71	0	20	1751	7477	31788	52854
MINNESOTA	ST PAUL	378	182.4	834.8	9492	2555	583	0	75	225	597	0	84	58	13	877	2283	47148	58478
MISSOURI	COLUMBIA	383	131.8	588.7	7702	1188	318	78	92	0	0	244	427	0	5	901	1733	23338	33838
NORTH DAKOTA	FARGO	213	127.0	351.3	4590	824	45	48	5	38	0	0	85	0	20	1240	1488	18788	25881
NEBRASKA	LINCOLN	355	148.5	788.8	8972	2343	810	353	582	0	883	0	0	28	33	1288	3587	38578	52488
OHIO	WOOSTER	378	123.3	452.8	7574	823	272	107	113	45	188	0	0	0	0	898	1921	25808	35824
SOUTH DAKOTA	BROOKINGS	153	78.8	288.8	2840	211	0	18	0	3	0	0	0	0	25	723	787	11188	14888
WISCONSIN	MADISON	524	198.5	708.8	8853	728	1488	951	3188	2	13283	34	131	425	18	1188	20388	38848	88888
SUBTOTAL - SAES		4321	1758.8	8778.7	85388	19080	8154	2848	8788	1445	18827	1854	7478	1758	425	13245	80723	387287	528458
FORESTRY SCH	CARBONDALE	13	8.0	18.8	154	0	0	0	0	0	0	0	0	0	0	0	0	478	832
FORESTRY SCH	ANN ARBOR	18	3.2	20.2	172	188	35	282	0	0	0	0	0	0	0	24	358	840	1558
FORESTRY SCH	HOUGHTON	21	17.1	84.5	323	0	0	0	0	0	0	0	0	0	0	30	30	4224	4578
SUBTOTAL - FRSTY SCH		53	28.3	123.3	848	188	35	282	0	0	0	0	0	0	0	54	388	5542	8758
LINCOLN UNIV	JEFFERSON	18	13.5	24.7	2025	0	0	0	0	0	0	0	0	0	0	0	0	117	2141
SUBTOTAL - 1890/TUSK		18	13.5	24.7	2025	0	0	0	0	0	0	0	0	0	0	0	0	117	2141
SCH VET MED	ILLINOIS	118	38.3	88.7	434	155	50	0	38	228	1384	0	0	0	0	28	1727	5788	8818
SCH VET MED	IOWA	128	25.2	81.2	525	37	88	0	0	0	878	0	0	0	0	0	738	8888	7885
SCH VET MED	MINNESOTA	22	18.8	74.8	248	0	0	0	0	0	1528	0	0	0	0	0	1528	5548	7388
SCH VET MED	MISSOURI	48	31.4	88.4	0	0	0	0	0	0	878	0	0	0	0	0	878	4218	5888
SCH VET MED	OHIO	48	14.3	48.8	45	0	0	0	0	81	888	0	0	0	0	14	781	1028	1852
SUBTOTAL - VET MED		348	124.1	344.1	1244	193	118	0	38	388	5154	0	0	0	0	41	5952	23888	38177
OTH COOP INS	ILLINOIS	18	5.1	15.5	1887	148	0	0	0	0	2	0	0	0	0	0	2	228	1888
OTH COOP INS	INDIANA	4	1.2	3.4	118	0	0	0	0	0	0	0	0	0	0	0	0	78	188
OTH COOP INS	IOWA	8	3.7	4.8	352	0	0	0	0	0	0	0	0	0	0	0	0	25	377
OTH COOP INS	KANSAS	2	0.4	1.8	78	0	0	0	0	0	0	0	0	0	0	0	0	0	78
OTH COOP INS	MICHIGAN	4	1.3	2.8	181	0	0	0	0	0	0	0	0	0	0	0	0	3	184
OTH COOP INS	MINNESOTA	4	0.2	2.7	232	0	0	0	0	0	0	0	0	0	0	0	0	0	232
OTH COOP INS	MISSOURI	13	3.2	15.8	773	0	0	0	0	0	0	0	0	0	0	0	0	28	800
OTH COOP INS	N DAKOTA	4	0.0	0.0	1408	0	0	0	0	0	0	0	0	0	0	0	0	0	1408
OTH COOP INS	NEBRASKA	4	1.8	3.8	187	0	0	0	0	0	0	0	0	0	0	0	0	73	280
OTH COOP INS	OHIO	14	4.3	8.5	752	184	10	0	0	0	1031	0	0	0	0	0	1041	145	2103
OTH COOP INS	WISCONSIN	18	2.4	18.1	1002	11	0	0	0	0	0	0	0	0	0	0	0	224	1237
SUBTOTAL - OCI		82	23.3	74.8	8888	328	10	0	0	0	1034	0	0	0	0	0	1044	794	8854
TOTAL		4825	1847.1	7348.7	88004	18788	8308	3141	8827	1753	22815	1854	7478	1758	425	13348	87798	388888	577381

TABLE IV-F FY 1983 SUMMARY OF FUNDS AND STAFF SUPPORT WITH BREAKOUT BY OTHER FEDERAL FUND SOURCES -- IN THOUSANDS OF DOLLARS

	STATION	NO OF PROJ	----STAFF---- SUPPORT YRS SYS	OTHER	CSRS ADM	USDA CGCA	NSF	DOE	AID	DOD	NIH	PHS	HHS	NASA	TVA	OTH -ER	TOTAL OTHER FED	TOTAL NON-FED	TOTAL
ALASKA	FAIRBANKS	34	20.8	35.5	1384	0	53	0	0	0	0	0	0	0	0	455	505	2813	4454
ARIZONA	TUCSON	235	148.8	813.0	3308	2074	1081	384	1483	85	1231	0	837	524	207	1734	7585	25827	38575
CALIFORNIA	BERKELEY	1113	510.6	1808.5	13757	3017	4777	1184	823	323	6085	3284	308	1555	0	2354	20783	108028	148618
COLORADO	FT COLLINS	155	85.1	370.8	2728	3585	2618	605	0	257	745	0	83	1351	0	2374	8328	13722	25388
GUAM	AGANA	26	13.1	32.2	1045	0	0	0	0	0	0	0	0	0	0	0	0	1884	2708
HAWAII	HONOLULU	230	81.4	174.8	3887	441	2	37	1858	0	0	0	0	35	2	189	1835	15887	22010
IDAHO	MOSCOW	153	86.1	180.4	2833	1780	251	1	306	0	0	0	185	0	18	228	1028	12388	17850
MONTANA	BOZEMAN	146	76.0	248.8	2857	207	122	0	102	0	388	0	0	0	21	347	980	11788	15813
NEVADA	RENO	136	37.1	75.5	1458	87	885	51	0	0	135	0	0	0	0	247	1418	5388	8370
NEW MEXICO	UNIV PARK	128	88.3	184.8	2770	1115	15	80	14	0	31	0	0	0	0	570	710	9183	13785
N MARIANAS	SAIPAN	2	0.5	1.3	513	0	0	0	0	0	0	0	0	0	0	0	0	120	633
OREGON	CORVALLIS	284	188.8	380.8	5735	1528	881	858	370	205	0	1130	0	41	0	4481	7878	27218	42355
AMERICAN SAMOA	PAGO PAGO	3	0.0	12.3	845	0	0	0	0	0	0	0	0	0	0	0	0	0	848
UTAH	LOGAN	220	71.2	128.8	2083	736	313	85	188	3	830	0	218	488	9	355	2311	10787	15800
WASHINGTON	PULLMAN	288	115.5	472.5	8400	812	832	570	70	284	0	418	0	144	78	1211	3587	28381	37281
WYOMING	LARAMIE	73	35.3	38.8	2055	118	0	323	0	0	22	0	0	0	0	345	880	4088	8881
SUBTOTAL - SAES		3214	1550.8	4722.5	53207	15832	11740	4581	5153	1157	8228	4544	1820	4149	333	14885	57700	275201	401740
FORESTRY SCH	FLAGSTAFF	45	8.8	34.5	127	308	177	0	0	0	0	0	0	0	0	103	250	672	1855
FORESTRY SCH	S L OBISPO	2	1.8	2.2	27	0	0	0	0	0	0	0	0	0	0	0	0	183	220
FORESTRY SCH	ARCATA	11	1.0	0.0	83	0	0	0	0	0	0	0	0	0	0	0	0	174	257
FORESTRY SCH	FT COLLINS	10	1.4	5.3	0	0	0	0	0	0	0	0	0	0	0	0	0	318	318
FORESTRY SCH	MOSCOW	22	18.7	31.1	442	25	0	0	0	0	0	0	0	0	0	181	181	2478	3127
FORESTRY SCH	MISSOULA	78	24.1	80.2	383	484	54	0	17	0	0	0	0	458	2	454	884	2018	3857
FORESTRY SCH	CORVALLIS	51	81.0	202.7	1818	3077	887	72	0	0	0	0	0	88	0	1232	2238	8883	15825
FORESTRY SCH	SEATTLE	185	15.8	144.8	1048	1882	1880	0	58	50	0	0	0	85	0	981	2724	7853	13085
SUBTOTAL - FRSTY SCH		385	132.8	480.8	3737	5533	2888	72	78	50	0	0	0	591	2	2930	6408	22888	38378
SCH VET MED	CALIFORNIA	48	87.8	374.0	283	305	0	0	310	47	8421	818	8	0	0	0	7704	18833	25105
SCH VET MED	COLORADO	14	41.3	284.4	841	123	188	258	123	75	8055	578	3452	428	0	118	13258	12218	28438
SCH VET MED	OREGON	22	2.2	11.0	18	0	0	0	0	0	0	48	0	0	0	100	148	585	728
SCH VET MED	WASHINGTON	18	24.1	85.1	143	485	7	478	132	0	1891	0	811	135	0	231	3287	3542	7438
SUBTOTAL - VET MED		100	135.2	744.5	1282	883	175	738	565	122	18188	1544	4072	581	0	447	24394	33158	58707
OTH COOP INS	ARIZONA	5	4.2	8.3	287	0	30	0	0	0	0	0	0	0	0	0	30	0	317
OTH COOP INS	CALIFORNIA	30	8.8	18.0	1707	355	283	0	0	0	0	0	0	0	0	15	287	44	2432
OTH COOP INS	COLORADO	7	2.0	2.0	407	0	0	0	0	0	0	0	0	0	0	48	48	25	478
OTH COOP INS	HAWAII	5	1.8	7.3	714	0	0	0	0	0	0	0	0	0	0	0	0	0	714
OTH COOP INS	IDAHO	2	0.4	1.5	138	0	0	0	0	0	0	0	0	0	0	0	0	32	170
OTH COOP INS	MONTANA	1	0.1	0.8	41	0	0	0	0	0	0	0	0	0	0	0	0	0	41
OTH COOP INS	NEW MEXICO	1	0.1	0.2	48	0	0	0	0	0	0	0	0	0	0	0	0	0	48
OTH COOP INS	OREGON	7	3.5	8.5	448	0	8	0	0	0	0	0	0	0	0	0	8	87	544
OTH COOP INS	UTAH	5	2.2	1.5	235	0	0	0	0	0	0	0	0	0	0	10	10	0	245
OTH COOP INS	WASHINGTON	8	2.3	7.0	1172	0	177	0	0	0	557	0	0	0	0	0	733	12	1817
OTH COOP INS	WYOMING	2	0.1	0.5	181	0	5	0	0	0	0	0	0	0	0	0	5	5	201
SUBTOTAL - OCI		73	23.3	50.3	5387	385	503	0	0	0	557	0	0	0	0	71	1131	205	7108
TOTAL		3772	1841.6	5888.4	63564	22442	15108	5401	5794	1328	25955	6388	5892	5300	335	18333	89633	331284	506833
GRAND TOTAL		18333	7478.5	27638.4	330856	88577	31462	10750	26243	4870	88218	13185	27129	7818	1214	58248	248972	1378313	2024821

TABLE IV-G SUMMARY BY ORGANIZATION OF 1993 FUNDS BY SOURCE -- IN THOUSANDS OF DOLLARS

ORGANIZATION	NO OF PROJ	----STAFF---- SUPPORT SYS	YRS OTHER	HATH /RRF	MCIN STEN	SP GT	COMP GT	EVNS ALLN	ANML HLTH	OTH CSRS	TOTAL CSRS	USDA CGCA	OTH FED	STATE APPRO	PROD SALE	IND -TRY	OTH -ER	TOTAL
SAES	14293	8474.5	24348.3	180888	13052	50538	33220	0	3880	3884	285354	88883	188885	898013	93857	128715	112207	1748524
1890/TUSKEGEE UNIVERSITY	255	174.2	484.8	0	0	3813	57	25430	0	0	29300	298	35	983	130	3	342	31101
FORESTRY SCHOOLS	884	277.8	872.4	0	4817	1345	1242	0	0	0	7204	7203	10012	35730	4885	8324	8512	79850
VETERINARY SCHOOLS	788	451.0	1827.8	0	0	457	2174	0	1540	0	4171	1382	44028	49882	11276	10745	13238	134530
OTHER NON-FEDERAL	383	102.2	305.5	0	0	8940	15244	0	0	3047	24930	802	5205	1000	87	314	489	32817
TOTAL SAES- OTHER INSTITUTIONS	18333	7478.5	27838.4	180888	17888	82783	51837	25430	5231	8931	330858	88577	248872	885418	110025	148101	134788	2024821

TABLE V-C NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993

RESEARCH PROGRAM GROUP SUMMARY

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00:	NATURAL RESOURCES	289.0	45.2	17.0	351.3	801.8	13.1	41.9	19.0	9.2	885.2	1236.6
RPG 2.00:	FOREST RESOURCES	20.6	0.0	743.7	764.3	453.7	4.4	226.9	0.0	6.1	691.3	1455.6
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	1232.3	1.2	4.7	1238.3	2563.2	62.6	2.1	0.0	38.9	2667.2	3905.5
RPG 4.00:	ANIMALS	369.5	0.0	0.0	369.6	1342.0	42.3	0.3	416.4	27.7	1828.8	2198.5
RPG 5.00:	PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	25.6	29.4	11.6	66.7	330.2	18.6	1.8	6.2	1.4	358.4	425.2
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	9.3	262.1	3.0	274.4	352.9	10.0	0.5	0.2	2.6	366.4	640.9
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	32.9	0.0	0.4	33.3	302.1	1.4	3.7	6.8	6.4	320.6	354.0
RPG 8.00:	FOOD SCIENCE AND HUMAN NUTRITION	173.1	19.7	0.0	192.9	328.2	21.2	0.0	2.1	9.7	361.2	554.2
GRAND TOTAL		2152.7	357.9	780.7	3291.3	8474.5	174.2	277.6	451.0	102.2	7479.5	10770.8

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993

FOREIGN

RESEARCH PROGRAM GROUP SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICO	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 2.00: FOREST RESOURCES	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	8.5	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	8.5
RPG 4.00: ANIMALS	3.7	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	3.7
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	14.2	0.0	0.0	14.2	0.0	0.0	0.0	0.0	0.0	0.0	14.2

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993

REGION 1

NORTHEAST REGION

RESEARCH PROGRAM GROUP SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICO	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	51.0	45.2	3.2	99.5	123.9	0.0	23.2	4.3	1.5	153.0	252.9
RPG 2.00: FOREST RESOURCES	14.5	0.0	84.4	108.9	88.0	0.0	54.1	0.0	1.0	143.2	252.1
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	248.8	1.2	0.0	249.8	246.8	8.4	0.5	0.0	7.7	261.3	511.2
RPG 4.00: ANIMALS	128.4	0.0	0.0	129.4	166.7	3.6	0.3	74.2	4.8	249.8	378.2
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	8.0	28.4	0.8	38.2	71.0	1.3	0.3	5.3	0.7	78.7	116.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.1	282.1	3.0	286.2	37.6	0.3	0.1	0.0	0.0	38.1	304.4
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	17.1	0.0	0.0	17.1	43.8	0.0	3.2	3.8	3.7	54.8	71.8
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	60.8	19.7	0.0	80.8	87.8	1.3	0.0	1.4	3.5	74.2	154.8
GRAND TOTAL	530.8	357.8	101.3	990.1	845.8	13.2	81.8	89.2	23.1	1053.3	2043.4

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993

REGION 2

SOUTHERN REGION

RESEARCH PROGRAM GROUP SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICO	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00: NATURAL RESOURCES	98.8	0.0	3.1	101.9	238.8	13.0	1.7	7.4	2.3	263.2	365.2
RPG 2.00: FOREST RESOURCES	0.3	0.0	183.0	183.3	168.5	4.4	34.5	0.0	0.7	208.2	391.6
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	453.3	0.0	0.0	453.3	1041.9	52.8	0.0	0.0	15.9	1110.4	1563.7
RPG 4.00: ANIMALS	73.2	0.0	0.0	73.2	490.9	38.4	0.0	94.3	8.3	629.7	702.9
RPG 5.00: PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	17.3	0.0	7.0	24.4	82.2	19.8	0.1	0.2	0.0	99.4	123.8
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	4.8	0.0	0.0	4.8	121.0	9.7	0.3	0.0	0.0	130.1	134.9
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	4.7	0.0	0.0	4.7	90.2	1.4	0.0	0.5	1.3	93.4	98.2
RPG 8.00: FOOD SCIENCE AND HUMAN NUTRITION	51.9	0.0	0.0	51.9	84.3	13.8	0.0	0.0	4.3	102.3	154.2
GRAND TOTAL	704.5	0.0	193.3	897.8	2317.9	147.5	38.8	102.5	32.5	2937.2	3835.0

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993 REGION 3

RESEARCH PROGRAM GROUP SUMMARY NORTH CENTRAL REGION

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00:	NATURAL RESOURCES	53.5	0.0	3.0	59.5	214.4	0.1	0.9	2.3	1.3	218.7	278.3
RPG 2.00:	FOREST RESOURCES	2.4	0.0	159.4	161.8	100.0	0.0	25.5	0.0	1.2	126.7	288.9
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	264.3	0.0	0.2	264.5	927.9	3.5	0.0	0.0	8.9	938.4	902.9
RPG 4.00:	ANIMALS	123.9	0.0	0.0	123.9	407.5	2.2	0.0	118.3	8.2	537.2	961.2
RPG 5.00:	PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	0.1	0.1	103.3	0.4	0.0	0.7	0.4	105.0	105.1
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.5	0.0	0.0	1.5	122.8	0.8	0.0	0.2	1.8	125.7	127.3
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	9.1	0.0	0.4	9.5	91.1	0.0	0.0	2.5	0.8	94.5	101.0
RPG 8.00:	FOOD SCIENCE AND HUMAN NUTRITION	38.2	0.0	0.0	38.2	92.8	8.2	0.0	0.1	1.8	100.5	138.7
GRAND TOTAL		488.1	0.0	183.3	951.4	1758.9	13.5	28.3	124.1	23.3	1947.1	2898.5

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993 REGION 4

RESEARCH PROGRAM GROUP SUMMARY WESTERN REGION

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RPG 1.00:	NATURAL RESOURCES	85.8	0.0	7.5	93.2	224.5	0.0	18.3	5.0	4.1	250.1	343.4
RPG 2.00:	FOREST RESOURCES	2.8	0.0	306.8	309.4	97.1	0.0	112.8	0.0	3.2	212.8	522.4
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	257.4	0.0	4.5	262.0	848.7	0.0	1.8	0.0	8.8	857.0	919.0
RPG 4.00:	ANIMALS	38.3	0.0	0.0	38.4	277.0	0.0	0.0	128.5	5.4	412.0	451.4
RPG 5.00:	PEOPLE, COMMUNITIES, AND INST -- INCLUDING RURAL DEV	0.0	0.0	3.7	3.7	73.8	0.0	1.3	0.0	0.3	75.2	78.0
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	0.8	0.0	0.0	0.8	71.3	0.0	0.1	0.0	0.8	72.2	73.1
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	4.8	0.0	0.0	4.8	78.8	0.0	0.5	0.0	0.5	78.0	82.8
RPG 8.00:	FOOD SCIENCE AND HUMAN NUTRITION	24.1	0.0	0.0	24.1	83.2	0.0	0.0	0.8	0.3	84.1	108.2
GRAND TOTAL		415.0	0.0	322.8	737.8	1550.8	0.0	132.8	135.2	23.3	1841.8	2578.7

TABLE V-8 NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983

RESEARCH PROGRAM SUMMARY

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	85.7	18.7	0.0	105.5	212.9	4.3	0.8	0.0	1.5	218.3	324.9
RP 1.02:	WATER & WATERSHEDS	100.3	14.3	1.2	115.8	148.8	2.7	8.0	0.0	0.4	155.8	271.7
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	18.4	0.0	2.8	0.0	0.0	22.3	22.3
RP 1.04:	ENVIRONMENTAL QUALITY	70.5	3.2	1.0	74.8	241.7	3.1	29.0	13.3	5.8	290.0	364.8
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	17.0	8.3	8.2	32.9	50.4	0.2	2.2	0.0	0.0	52.9	85.5
RP 1.06:	FISH & WILDLIFE	0.3	1.8	0.0	1.8	115.8	2.4	2.1	5.7	1.5	127.5	128.4
RP 1.07:	REMOTE SENSING	12.9	0.0	5.9	18.5	13.1	0.3	1.5	0.0	0.0	15.0	33.5
RP 1.08:	AQUATIC WEEDS	2.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	2.0	4.0
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	83.2	83.2	32.5	0.0	18.9	0.0	0.0	52.5	115.7
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	174.4	174.4	131.2	1.4	84.8	0.0	0.3	227.8	402.3
RP 2.03:	FOREST PROTECTION	19.2	0.0	134.2	150.4	94.4	1.7	7.9	0.0	3.3	77.4	227.9
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	128.5	128.5	80.9	0.0	54.5	0.0	1.9	137.0	265.5
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.5	0.0	121.3	121.8	41.5	0.0	20.8	0.0	0.4	62.8	184.7
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	58.8	58.8	39.5	0.0	10.9	0.0	0.0	50.2	109.0
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	28.7	28.7	11.9	0.0	7.5	0.0	0.0	19.4	48.1
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	24.1	24.1	22.2	0.0	8.5	0.0	0.0	30.8	54.8
RP 2.09:	TECHNICAL ASSISTANCE	3.8	0.0	3.8	7.5	20.8	1.2	0.1	0.0	0.1	22.2	29.8
RP 2.10:	TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	4.3	4.3	3.9	0.0	0.4	0.0	0.0	4.3	8.8
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	3.2	3.2	4.8	0.0	1.5	0.0	0.0	6.3	9.9
RP 3.01:	CORN	112.1	0.0	0.0	112.1	172.7	3.7	0.0	0.0	4.2	180.7	292.9
RP 3.02:	GRAIN SORGHUM	10.0	0.0	0.0	10.0	49.0	0.4	0.0	0.0	0.1	49.8	59.9
RP 3.03:	WHEAT	101.1	0.0	0.0	101.1	172.3	0.2	0.0	0.0	1.0	173.5	274.7
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	31.7	0.0	0.0	31.7	70.8	0.2	0.1	0.0	0.0	71.2	102.9
RP 3.05:	RICE	18.1	0.0	0.0	18.1	48.8	0.1	0.0	0.0	0.7	49.8	97.8
RP 3.06:	SOYBEANS	100.9	0.0	0.0	100.9	168.9	12.9	0.0	0.0	2.8	184.4	285.4
RP 3.07:	PEANUTS	21.8	0.0	0.0	21.8	40.7	1.0	0.0	0.0	0.0	41.7	63.5
RP 3.08:	SUGAR	32.8	0.0	0.0	32.8	40.4	0.0	0.0	0.0	0.0	40.5	73.3
RP 3.09:	FORAGE, RANGE, & PASTURE	149.3	0.0	1.5	150.8	243.5	4.5	1.4	0.0	1.3	250.8	401.8
RP 3.10:	COTTON	139.1	0.0	0.0	135.1	97.2	1.2	0.0	0.0	0.8	99.2	234.4
RP 3.11:	TOBACCO	21.2	0.0	0.0	21.2	49.8	0.0	0.0	0.0	0.0	49.8	71.1
RP 3.12:	NEW CROPS & MINOR OILSEEDS	33.1	0.0	0.0	33.1	87.8	8.7	0.0	0.0	0.3	94.8	127.8
RP 3.13:	FRUIT	195.4	0.0	0.0	195.4	355.8	4.8	0.2	0.0	0.0	380.8	528.2
RP 3.14:	VEGETABLE CROPS	138.1	0.0	0.0	138.1	488.7	20.7	0.0	0.0	4.4	493.8	631.9
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	44.8	0.7	0.0	45.3	202.8	4.1	0.0	0.0	0.3	207.1	252.4
RP 3.16:	BEES & OTHER POLLINATING INSECTS	23.0	0.5	0.0	23.8	12.7	1.0	0.0	0.0	0.2	13.8	37.5
RP 3.17:	WEEDS IN CROPS	19.8	0.0	0.4	20.3	15.5	0.0	0.0	0.0	0.2	15.7	38.0

TABLE V-8 NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993

RESEARCH PROGRAM SUMMARY

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18:	SEEDS	1.5	0.0	0.7	2.2	16.2	0.0	0.0	0.0	0.5	16.7	19.0
RP 3.19:	NONSPECIFIC PLANTS	71.7	0.0	2.0	73.7	252.3	0.8	0.4	0.0	21.7	275.3	349.1
RP 4.01:	BEEF	108.4	0.0	0.0	108.4	298.3	3.9	0.0	62.7	3.2	368.3	477.7
RP 4.02:	DAIRY	77.2	0.0	0.0	77.2	235.3	0.7	0.0	42.3	0.0	278.4	355.6
RP 4.03:	POULTRY	51.9	0.0	0.0	51.9	185.3	7.2	0.0	27.7	2.8	223.1	275.0
RP 4.04:	SHEEP	31.3	0.0	0.0	31.3	63.8	1.3	0.0	12.9	0.0	98.1	129.5
RP 4.05:	SWINE	55.2	0.0	0.0	55.2	148.6	3.6	0.0	39.6	8.5	196.8	254.1
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	3.5	0.0	0.0	3.5	95.6	17.8	0.0	113.1	2.5	229.1	232.6
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	10.6	0.0	0.0	10.6	104.1	7.2	0.1	6.9	5.3	123.6	134.3
RP 4.08:	NONSPECIFIC ANIMALS	3.6	0.0	0.0	3.6	111.4	0.1	0.0	110.6	2.4	224.5	228.1
RP 4.09:	INVERTEBRATES	27.6	0.0	0.0	27.6	78.2	0.0	0.2	0.1	5.0	83.6	111.2
RP 5.01:	INDIVIDUALS AND FAMILIES	5.1	2.2	0.0	7.3	98.6	5.6	0.0	0.0	0.0	105.5	112.9
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	1.7	1.7	29.0	1.6	0.1	0.0	0.0	30.9	32.6
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.6	24.7	4.3	29.8	150.6	10.9	1.5	6.2	1.1	170.5	200.4
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	19.7	0.0	4.9	24.6	33.0	0.0	0.0	0.0	0.0	33.0	57.7
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	2.4	0.6	3.0	17.9	0.0	0.2	0.0	0.3	18.4	21.4
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	53.3	3.0	56.3	132.6	4.5	0.1	0.2	0.0	137.5	193.9
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	4.4	86.8	0.0	93.2	77.9	0.0	0.1	0.0	0.8	78.8	172.2
RP 6.03:	MARKETING & COMPETITION	4.9	119.9	0.0	124.8	142.2	5.5	0.3	0.0	1.8	149.9	274.8
RP 7.01:	MANMADE RESOURCES	1.0	0.0	0.0	1.0	12.7	0.3	1.4	1.6	0.0	16.1	17.1
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	31.9	0.0	0.4	32.3	269.3	1.1	2.3	5.2	6.4	304.5	336.8
RP 8.01:	HUMAN NUTRITION	66.4	11.5	0.0	77.9	163.7	18.1	0.0	0.1	7.5	189.4	267.3
RP 8.02:	FOOD PROCESSING	1.6	0.0	0.0	1.6	46.4	0.0	0.0	0.0	1.6	48.0	49.7
RP 8.03:	FOOD SAFETY	103.8	8.2	0.0	112.1	98.4	3.0	0.0	2.0	0.8	104.1	216.3
RP 8.04:	FOOD STORAGE DISTRIBUTION AND MARKETING	1.2	0.0	0.0	1.2	15.1	0.0	0.0	0.0	0.0	15.1	16.3
RP 8.05:	FOOD SERVICE	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
GRAND TOTAL		2152.7	357.9	780.7	3291.3	6474.5	174.2	277.6	451.0	102.2	7479.5	10770.8

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993 FOREIGN

RESEARCH PROGRAM SUMMARY

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICO	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 2.03: FOREST PROTECTION	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7
RP 3.03: WHEAT	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
RP 3.08: FORAGE, RANGE, & PASTURE	3.1	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	3.1
RP 3.10: COTTON	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 3.13: FRUIT	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
RP 3.14: VEGETABLE CROPS	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
RP 3.17: WEEDS IN CROPS	1.1	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
RP 4.01: BEEF	3.8	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	3.8
RP 4.02: DAIRY	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
RP 8.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
GRAND TOTAL	14.2	0.0	0.0	14.2	0.0	0.0	0.0	0.0	0.0	0.0	14.2

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993

REGION 1

RESEARCH PROGRAM SUMMARY

NORTHEAST REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /DICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	8.7	19.7	0.0	28.5	29.9	0.0	0.0	0.0	0.0	30.1	58.9
RP 1.02: WATER & WATERSHEDS	8.1	14.3	0.0	22.4	13.5	0.0	0.5	0.0	0.1	14.2	38.7
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	2.8	0.0	0.3	0.0	0.0	3.2	3.2
RP 1.04: ENVIRONMENTAL QUALITY	22.8	3.2	0.0	26.0	45.7	0.0	21.0	0.5	1.3	88.8	94.7
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	3.7	6.3	3.2	13.2	9.5	0.0	0.2	0.0	0.0	9.7	23.0
RP 1.06: FISH & WILDLIFE	0.0	1.8	0.0	1.8	21.2	0.0	0.8	3.8	0.0	25.8	27.5
RP 1.07: REMOTE SENSING	7.5	0.0	0.0	7.5	1.0	0.0	0.1	0.0	0.0	1.1	8.7
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	2.7	2.7	7.3	0.0	0.4	0.0	0.0	7.7	10.4
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	25.0	25.0	24.1	0.0	22.0	0.0	0.0	46.1	71.1
RP 2.03: FOREST PROTECTION	14.5	0.0	23.7	38.2	23.4	0.0	1.9	0.0	0.9	26.3	84.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	18.1	18.1	10.8	0.0	22.3	0.0	0.1	33.0	49.1
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	10.8	10.8	10.9	0.0	3.3	0.0	0.0	14.2	25.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	2.5	2.5	5.0	0.0	0.5	0.0	0.0	5.5	8.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	4.0	4.0	2.8	0.0	0.5	0.0	0.0	3.2	7.2
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	9.5	9.5	2.8	0.0	1.2	0.0	0.0	4.0	13.5
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.0	0.0	0.8	0.8
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.2	1.2
RP 3.01: CORN	12.1	0.0	0.0	12.1	15.8	1.0	0.0	0.0	0.3	17.0	29.2
RP 3.02: GRAIN SORGHUM	0.1	0.0	0.0	0.1	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.03: WHEAT	6.3	0.0	0.0	6.3	3.7	0.0	0.0	0.0	0.3	4.0	10.4
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.8	0.0	0.0	2.8	2.9	0.0	0.1	0.0	0.0	3.0	5.8
RP 3.05: RICE	1.4	0.0	0.0	1.4	1.9	0.0	0.0	0.0	0.0	1.9	3.3
RP 3.06: SOYBEANS	22.0	0.0	0.0	22.0	5.2	3.7	0.0	0.0	2.0	11.0	33.0
RP 3.07: PEANUTS	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8
RP 3.08: SUGAR	3.2	0.0	0.0	3.2	0.2	0.0	0.0	0.0	0.0	0.2	3.4
RP 3.09: FORAGE, RANGE, & PASTURE	28.3	0.0	0.0	28.3	14.5	0.3	0.0	0.0	0.1	15.0	43.4
RP 3.10: COTTON	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
RP 3.11: TOBACCO	1.8	0.0	0.0	1.8	7.2	0.0	0.0	0.0	0.0	7.2	8.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.2	0.0	0.0	1.2	7.4	0.0	0.0	0.0	0.0	7.4	8.7
RP 3.13: FRUIT	39.1	0.0	0.0	39.1	53.1	0.0	0.0	0.0	0.0	53.1	92.3
RP 3.14: VEGETABLE CROPS	39.0	0.0	0.0	39.0	73.7	1.0	0.0	0.0	1.1	75.8	114.8
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	41.8	0.7	0.0	42.8	28.7	0.3	0.0	0.0	0.1	29.1	71.7
RP 3.16: BEES & OTHER POLLINATING INSECTS	8.0	0.5	0.0	8.5	1.0	0.0	0.0	0.0	0.0	1.0	7.5
RP 3.17: WEEDS IN CROPS	3.4	0.0	0.0	3.4	2.0	0.0	0.0	0.0	0.0	2.0	5.5
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0

TABLE V-8 REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983 REGION 1

RESEARCH PROGRAM SUMMARY NORTHEAST REGION

	USDA				OTHER INSTITUTIONS					
	ARS/HNIS /OICO	ERS/ ACS	FS	USDA TOTAL	SAES	1880/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.10: NONSPECIFIC PLANTS	36.8	0.0	0.0	36.8	24.8	0.0	0.4	0.0	3.8	29.0	65.8
RP 4.01: BEEF	22.3	0.0	0.0	22.3	8.9	0.0	0.0	1.8	1.8	12.8	35.0
RP 4.02: DAIRY	40.7	0.0	0.0	40.7	47.6	0.5	0.0	9.8	0.0	58.3	99.0
RP 4.03: POULTRY	16.3	0.0	0.0	16.3	40.9	1.0	0.0	4.7	0.8	47.5	83.8
RP 4.04: SHEEP	7.2	0.0	0.0	7.2	5.5	0.0	0.0	1.1	0.0	6.7	14.0
RP 4.05: SWINE	18.0	0.0	0.0	18.0	7.8	0.0	0.0	2.0	0.2	10.1	28.1
RP 4.08: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.2	0.0	0.0	1.2	15.1	0.0	0.0	42.4	0.0	57.8	58.8
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	15.8	2.1	0.0	0.3	0.4	18.5	18.5
RP 4.08: NONSPECIFIC ANIMALS	1.1	0.0	0.0	1.1	7.8	0.0	0.0	11.7	0.0	19.5	20.8
RP 4.09: INVERTEBRATES	22.3	0.0	0.0	22.3	16.7	0.0	0.2	0.1	1.5	18.8	40.8
RP 5.01: INDIVIDUALS AND FAMILIES	5.1	2.2	0.0	7.3	17.2	0.9	0.0	0.0	0.0	18.1	25.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	7.9	0.3	0.0	0.0	0.0	8.2	8.2
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.3	24.7	0.0	25.1	37.4	0.0	0.3	5.3	0.7	43.8	68.8
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	2.8	0.0	0.0	2.8	6.3	0.0	0.0	0.0	0.0	6.3	9.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	2.4	0.8	3.0	2.1	0.0	0.0	0.0	0.0	2.1	5.1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	53.3	3.0	56.3	16.1	0.1	0.0	0.0	0.0	16.2	72.5
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.1	88.8	0.0	89.9	4.9	0.0	0.1	0.0	0.0	5.1	95.0
RP 6.03: MARKETING & COMPETITION	0.0	119.9	0.0	119.9	16.5	0.2	0.0	0.0	0.0	16.8	136.7
RP 7.01: MANMADE RESOURCES	0.5	0.0	0.0	0.5	1.1	0.0	1.4	0.0	0.0	2.8	3.1
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	16.8	0.0	0.0	16.8	42.8	0.0	1.7	3.8	3.7	52.0	68.8
RP 8.01: HUMAN NUTRITION	34.8	11.5	0.0	46.4	33.7	1.3	0.0	0.0	3.3	38.3	84.8
RP 8.02: FOOD PROCESSING	0.3	0.0	0.0	0.3	13.5	0.0	0.0	0.0	0.0	13.5	13.8
RP 8.03: FOOD SAFETY	25.8	8.2	0.0	33.8	16.1	0.0	0.0	1.4	0.2	17.7	51.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.1	3.1
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.4	1.4
GRAND TOTAL	530.9	357.8	101.3	990.1	845.8	13.2	81.9	89.2	23.1	1053.3	2043.4

TABLE V-8 REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993

REGION 2

RESEARCH PROGRAM SUMMARY

SOUTHERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICO	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	22.4	0.0	0.0	22.4	63.9	4.2	0.4	0.0	1.3	70.0	92.4
RP 1.02: WATER & WATERSHEDS	38.7	0.0	0.8	39.5	39.5	2.7	0.2	0.0	0.3	42.8	82.3
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	5.2	5.2
RP 1.04: ENVIRONMENTAL QUALITY	23.5	0.0	0.0	23.5	74.8	3.1	0.2	5.9	0.8	84.7	108.2
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	7.4	0.0	1.8	9.2	10.5	0.2	0.7	0.0	0.0	11.4	20.7
RP 1.06: FISH & WILDLIFE	0.3	0.0	0.0	0.3	38.5	2.4	0.0	1.4	0.0	42.4	42.7
RP 1.07: REMOTE SENSING	4.2	0.0	0.4	4.7	4.2	0.3	0.1	0.0	0.0	4.6	9.4
RP 1.08: AQUATIC WEEDS	2.0	0.0	0.0	2.0	1.9	0.0	0.0	0.0	0.0	1.9	3.8
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	24.4	24.4	7.9	0.0	2.3	0.0	0.0	10.2	34.7
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	68.2	68.2	55.7	1.4	14.1	0.0	0.3	71.6	139.9
RP 2.03: FOREST PROTECTION	0.0	0.0	27.2	27.2	14.2	1.7	2.5	0.0	0.0	18.5	45.7
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	23.1	23.1	38.9	0.0	8.2	0.0	0.1	47.3	70.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.3	0.0	18.0	18.3	13.2	0.0	2.8	0.0	0.2	16.1	32.4
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	14.1	14.1	17.7	0.0	0.9	0.0	0.0	18.7	32.8
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	1.8	1.8	2.7	0.0	1.3	0.0	0.0	4.0	5.8
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	4.1	4.1	5.3	0.0	2.4	0.0	0.0	7.8	12.0
RP 2.09: TECHNICAL ASSISTANCE	0.0	0.0	0.7	0.7	8.8	1.2	0.0	0.0	0.0	9.8	10.6
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	2.0	2.0	2.9	0.0	0.0	0.0	0.0	2.9	4.8
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.7	1.8
RP 3.01: CORN	26.2	0.0	0.0	26.2	40.8	2.7	0.0	0.0	0.8	44.4	70.7
RP 3.02: GRAIN SORGHUM	5.7	0.0	0.0	5.7	22.8	0.4	0.0	0.0	0.1	23.1	28.9
RP 3.03: WHEAT	14.7	0.0	0.0	14.7	44.8	0.2	0.0	0.0	0.5	45.5	60.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	3.8	0.0	0.0	3.8	8.8	0.2	0.0	0.0	0.0	9.0	12.7
RP 3.05: RICE	14.0	0.0	0.0	14.0	36.4	0.1	0.0	0.0	0.1	36.6	50.6
RP 3.06: SOYBEANS	29.8	0.0	0.0	29.8	84.9	8.2	0.0	0.0	0.0	94.1	123.8
RP 3.07: PEANUTS	21.1	0.0	0.0	21.1	40.3	1.0	0.0	0.0	0.0	41.3	62.5
RP 3.08: SUGAR	13.3	0.0	0.0	13.3	26.8	0.0	0.0	0.0	0.0	26.8	40.1
RP 3.09: FORAGE, RANGE, & PASTURE	43.0	0.0	0.0	43.0	100.2	3.7	0.0	0.0	0.0	104.0	147.0
RP 3.10: COTTON	116.1	0.0	0.0	116.1	78.5	1.2	0.0	0.0	0.7	78.4	194.5
RP 3.11: TOBACCO	19.3	0.0	0.0	19.3	39.4	0.0	0.0	0.0	0.0	39.4	58.7
RP 3.12: NEW CROPS & MINOR OILSEEDS	8.8	0.0	0.0	8.8	18.2	5.8	0.0	0.0	0.0	24.0	32.8
RP 3.13: FRUIT	64.8	0.0	0.0	64.8	141.5	4.8	0.0	0.0	0.0	146.4	211.4
RP 3.14: VEGETABLE CROPS	44.5	0.0	0.0	44.5	174.4	17.4	0.0	0.0	0.0	191.8	236.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	0.3	0.0	0.0	0.3	103.7	3.8	0.0	0.0	0.2	107.8	108.1
RP 3.16: BEES & OTHER POLLINATING INSECTS	8.0	0.0	0.0	8.0	3.1	1.0	0.0	0.0	0.2	4.3	12.3
RP 3.17: WEEDS IN CROPS	7.3	0.0	0.0	7.3	3.2	0.0	0.0	0.0	0.0	3.2	10.6

TABLE V-S REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983

REGION 2

RESEARCH PROGRAM SUMMARY

SOUTHERN REGION

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1860/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18:	SEEDS	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.8	3.8
RP 3.18:	NONSPECIFIC PLANTS	12.1	0.0	0.0	12.1	71.8	0.8	0.0	0.0	12.8	85.5	87.8
RP 4.01:	BEEF	27.8	0.0	0.0	27.8	126.1	3.0	0.0	14.9	0.2	144.3	172.2
RP 4.02:	DAIRY	5.3	0.0	0.0	5.3	73.2	0.2	0.0	8.0	0.0	81.6	86.8
RP 4.03:	POULTRY	24.2	0.0	0.0	24.2	82.0	8.2	0.0	16.8	0.2	105.3	128.8
RP 4.04:	SHEEP	1.3	0.0	0.0	1.3	20.2	0.7	0.0	2.8	0.0	23.5	24.8
RP 4.05:	SWINE	4.8	0.0	0.0	4.8	36.8	3.4	0.0	8.8	1.0	54.1	58.8
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	0.0	0.0	0.0	0.0	46.8	17.5	0.0	23.3	2.0	88.8	88.8
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	9.8	0.0	0.0	9.8	57.8	5.0	0.0	5.2	1.8	68.8	78.5
RP 4.08:	NONSPECIFIC ANIMALS	0.1	0.0	0.0	0.1	18.0	0.1	0.0	13.4	1.8	34.2	34.3
RP 4.09:	INVERTEBRATES	0.0	0.0	0.0	0.0	25.2	0.0	0.0	0.0	1.5	26.8	26.8
RP 5.01:	INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	15.8	4.5	0.0	0.0	0.0	20.2	20.2
RP 5.02:	LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	7.0	1.5	0.1	0.0	0.0	8.8	8.8
RP 5.03:	COMMUNITIES, INSTITUTIONS AND SERVICES	0.4	0.0	2.1	2.5	44.8	10.8	0.0	0.2	0.0	55.8	58.4
RP 5.04:	INSECTS AFFECTING MAN AND HIS BELONGINGS	16.9	0.0	4.8	21.8	11.3	0.0	0.0	0.0	0.0	11.3	33.2
RP 5.05:	RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	3.3	3.3
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	48.7	4.3	0.1	0.0	0.0	53.2	53.2
RP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.4	0.0	0.0	1.4	21.8	0.0	0.0	0.0	0.0	21.8	23.3
RP 6.03:	MARKETING & COMPETITION	3.3	0.0	0.0	3.3	50.4	4.4	0.2	0.0	0.0	55.0	58.3
RP 7.01:	MANMADE RESOURCES	0.0	0.0	0.0	0.0	3.8	0.3	0.0	0.0	0.0	3.8	3.8
RP 7.02:	TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	4.7	0.0	0.0	4.7	88.8	1.1	0.0	0.5	1.3	88.5	84.3
RP 8.01:	HUMAN NUTRITION	3.3	0.0	0.0	3.3	43.3	10.5	0.0	0.0	2.8	58.5	58.8
RP 8.02:	FOOD PROCESSING	0.2	0.0	0.0	0.2	5.8	0.0	0.0	0.0	1.8	7.4	7.7
RP 8.03:	FOOD SAFETY	47.1	0.0	0.0	47.1	30.1	3.0	0.0	0.0	0.1	33.3	80.4
RP 8.04:	FOOD STORAGE DISTRIBUTION AND MARKETING	1.2	0.0	0.0	1.2	4.5	0.0	0.0	0.0	0.0	4.5	5.7
RP 8.05:	FOOD SERVICE	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.4
GRAND TOTAL		704.5	0.0	193.3	887.8	2317.8	147.5	38.8	102.5	32.5	2637.2	3535.0

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983

REGION 3

RESEARCH PROGRAM SUMMARY

NORTH CENTRAL REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICO	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01: SOIL & LAND USE	27.8	0.0	0.0	27.8	73.3	0.1	0.0	0.0	0.0	73.5	101.3
RP 1.02: WATER & WATERSHEDS	12.4	0.0	0.0	12.4	40.6	0.0	0.0	0.0	0.0	40.6	53.0
RP 1.03: RECREATION	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	5.0
RP 1.04: ENVIRONMENTAL QUALITY	12.9	0.0	0.8	13.4	58.4	0.0	0.2	1.9	1.3	59.8	73.3
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	0.5	0.0	2.2	2.7	15.0	0.0	0.4	0.0	0.0	15.4	18.2
RP 1.06: FISH & WILDLIFE	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.4	0.0	20.0	20.0
RP 1.07: REMOTE SENSING	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	4.2	4.2
RP 1.08: AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	6.8	6.8	9.7	0.0	6.6	0.0	0.0	16.3	23.1
RP 2.02: TIMBER MANAGEMENT	0.0	0.0	22.0	22.0	28.5	0.0	10.7	0.0	0.0	39.3	61.4
RP 2.03: FOREST PROTECTION	0.6	0.0	18.6	20.5	12.1	0.0	0.3	0.0	0.0	12.4	33.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	72.4	72.4	16.8	0.0	4.4	0.0	1.1	22.3	94.8
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	0.2	0.0	21.6	21.8	8.2	0.0	2.1	0.0	0.0	11.4	33.3
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	7.4	7.4	2.1	0.0	0.6	0.0	0.0	2.7	10.1
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	4.5	4.5	3.9	0.0	0.3	0.0	0.0	4.2	8.7
RP 2.08: ALTERNATE USES OF LAND	0.0	0.0	2.5	2.5	8.6	0.0	0.4	0.0	0.0	8.4	11.8
RP 2.09: TECHNICAL ASSISTANCE	1.2	0.0	0.0	1.2	6.6	0.0	0.0	0.0	0.1	6.7	7.8
RP 2.10: TREES, FORESTS & FOREST PRODUCTS -- GENERAL	0.0	0.0	2.3	2.3	0.7	0.0	0.0	0.0	0.0	0.7	3.0
RP 2.11: FOREST & RANGE RESOURCES	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.8
RP 3.01: CORN	70.2	0.0	0.0	70.2	104.3	0.0	0.0	0.0	1.6	105.8	176.1
RP 3.02: GRAIN SORGHUM	3.8	0.0	0.0	3.8	21.3	0.0	0.0	0.0	0.0	21.3	25.2
RP 3.03: WHEAT	48.8	0.0	0.0	48.8	65.3	0.0	0.0	0.0	0.0	65.3	114.2
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	12.7	0.0	0.0	12.7	26.6	0.0	0.0	0.0	0.0	26.6	42.4
RP 3.05: RICE	0.4	0.0	0.0	0.4	5.7	0.0	0.0	0.0	0.0	5.7	6.1
RP 3.06: SOYBEANS	46.5	0.0	0.0	48.5	75.6	0.0	0.0	0.0	0.7	76.4	123.0
RP 3.07: PEANUTS	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1
RP 3.08: SUGAR	8.4	0.0	0.0	8.4	5.1	0.0	0.0	0.0	0.0	5.1	13.5
RP 3.09: FORAGE, RANGE, & PASTURE	21.7	0.0	0.0	21.7	56.9	0.5	0.0	0.0	1.1	58.5	80.3
RP 3.10: COTTON	1.7	0.0	0.0	1.7	1.9	0.0	0.0	0.0	0.0	1.6	3.3
RP 3.11: TOBACCO	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	14.3	0.0	0.0	14.3	28.9	0.6	0.0	0.0	0.3	30.1	44.4
RP 3.13: FRUIT	2.6	0.0	0.0	2.8	33.9	0.0	0.0	0.0	0.0	33.6	39.6
RP 3.14: VEGETABLE CROPS	19.7	0.0	0.0	16.7	85.0	2.1	0.0	0.0	0.7	87.8	104.7
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.4	0.0	0.0	1.4	33.8	0.0	0.0	0.0	0.0	33.8	35.3
RP 3.16: BEES & OTHER POLLINATING INSECTS	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	2.1	2.1
RP 3.17: WEEDS IN CROPS	3.4	0.0	0.0	3.4	5.7	0.0	0.0	0.0	0.2	5.8	8.4

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993 REGION 3

RESEARCH PROGRAM SUMMARY NORTH CENTRAL REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.18: SEEDS	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	1.9	1.9
RP 3.19: NONSPECIFIC PLANTS	10.8	0.0	0.2	11.0	68.4	0.0	0.0	0.0	2.1	70.5	81.5
RP 4.01: BEEF	36.6	0.0	0.0	36.6	94.4	0.8	0.0	10.3	1.1	106.7	143.4
RP 4.02: DAIRY	27.7	0.0	0.0	27.7	76.8	0.0	0.0	8.2	0.0	85.0	112.8
RP 4.03: POULTRY	11.3	0.0	0.0	11.3	40.1	0.0	0.0	3.7	0.8	44.7	56.0
RP 4.04: SHEEP	9.0	0.0	0.0	9.0	23.2	0.8	0.0	2.1	0.0	26.8	35.0
RP 4.05: SWINE	32.5	0.0	0.0	32.5	92.3	0.4	0.0	27.1	4.5	124.3	156.9
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.1	0.0	0.0	1.1	14.3	0.3	0.0	27.2	0.5	42.3	43.4
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.2	5.1	5.1
RP 4.08: NONSPECIFIC ANIMALS	0.3	0.0	0.0	0.3	44.8	0.0	0.0	41.5	0.5	86.8	87.2
RP 4.09: INVERTEBRATES	5.0	0.0	0.0	5.0	14.4	0.0	0.0	0.0	1.6	16.0	21.0
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	45.2	0.3	0.0	0.0	0.0	45.6	45.6
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	8.2	8.2
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	0.1	0.1	42.2	0.0	0.0	0.7	0.4	43.4	43.6
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	3.2	3.2
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	4.3	4.3
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	48.2	0.0	0.0	0.2	0.0	48.4	48.4
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.0	0.0	0.0	0.0	28.5	0.0	0.0	0.0	0.0	28.5	28.5
RP 6.03: MARKETING & COMPETITION	1.5	0.0	0.0	1.5	45.0	0.9	0.0	0.0	1.8	47.7	49.3
RP 7.01: MANMADE RESOURCES	0.5	0.0	0.0	0.5	5.8	0.0	0.0	1.6	0.0	7.4	7.8
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	5.6	0.0	0.4	6.0	85.2	0.0	0.0	0.9	0.9	87.0	93.1
RP 8.01: HUMAN NUTRITION	13.6	0.0	0.0	13.6	43.3	6.2	0.0	0.1	1.6	51.3	64.9
RP 8.02: FOOD PROCESSING	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	16.4	16.4
RP 8.03: FOOD SAFETY	22.8	0.0	0.0	22.8	24.8	0.0	0.0	0.0	0.0	24.8	47.5
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.4	5.4
RP 8.05: FOOD SERVICE	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	2.5
GRAND TOTAL	488.1	0.0	163.3	651.4	1758.9	13.5	26.3	124.1	23.3	1947.1	2598.5

TABLE V-8 REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1983

REGION 4

RESEARCH PROGRAM SUMMARY

WESTERN REGION

		USDA				OTHER INSTITUTIONS						
		ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 1.01:	SOIL & LAND USE	29.6	0.0	0.0	29.6	45.3	0.0	0.3	0.0	0.0	45.7	72.3
RP 1.02:	WATER & WATERSHEDS	40.6	0.0	0.3	41.3	52.9	0.0	5.3	0.0	0.0	58.2	99.5
RP 1.03:	RECREATION	0.0	0.0	0.0	0.0	6.2	0.0	2.9	0.0	0.0	8.8	8.8
RP 1.04:	ENVIRONMENTAL QUALITY	11.5	0.0	0.2	11.7	64.6	0.0	4.6	5.0	2.9	76.8	88.5
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	5.4	0.0	1.8	7.2	15.3	0.0	0.9	0.0	0.0	16.2	23.5
RP 1.06:	FISH & WILDLIFE	0.0	0.0	0.0	0.0	38.2	0.0	1.3	0.0	1.5	39.1	38.1
RP 1.07:	REMOTE SENSING	1.1	0.0	5.1	9.2	3.7	0.0	1.2	0.0	0.0	4.8	11.2
RP 1.08:	AQUATIC WEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	0.0	0.0	29.2	29.2	7.5	0.0	10.5	0.0	0.0	18.1	47.4
RP 2.02:	TIMBER MANAGEMENT	0.0	0.0	56.1	59.1	22.7	0.0	47.6	0.0	0.0	70.9	126.7
RP 2.03:	FOREST PROTECTION	0.0	0.0	93.9	93.9	14.5	0.0	3.1	0.0	2.4	20.1	83.7
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	0.0	0.0	17.7	17.7	14.1	0.0	19.5	0.0	0.9	34.3	52.0
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	0.0	0.0	72.8	72.8	8.0	0.0	12.7	0.0	0.2	21.0	83.8
RP 2.09:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	0.0	0.0	34.7	34.7	14.9	0.0	8.5	0.0	0.0	23.1	57.8
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	0.0	0.0	16.3	16.3	2.9	0.0	5.3	0.0	0.0	7.9	24.3
RP 2.08:	ALTERNATE USES OF LAND	0.0	0.0	8.0	8.0	5.0	0.0	4.4	0.0	0.0	9.4	17.4
RP 2.09:	TECHNICAL ASSISTANCE	2.9	0.0	2.9	5.5	4.9	0.0	0.1	0.0	0.0	4.8	10.3
RP 2.11:	FOREST & RANGE RESOURCES	0.0	0.0	2.1	2.1	3.0	0.0	0.2	0.0	0.0	3.3	5.5
RP 3.01:	CORN	3.5	0.0	0.0	3.5	11.8	0.0	0.0	0.0	1.4	13.2	19.7
RP 3.02:	GRAIN SORGHUM	0.2	0.0	0.0	0.2	1.2	0.0	0.0	0.0	0.0	1.2	1.5
RP 3.03:	WHEAT	30.7	0.0	0.0	30.7	58.5	0.0	0.0	0.0	0.2	58.7	89.4
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	11.3	0.0	0.0	11.3	29.4	0.0	0.0	0.0	0.0	26.4	40.8
RP 3.05:	RICE	2.3	0.0	0.0	2.3	4.7	0.0	0.0	0.0	0.9	5.3	7.6
RP 3.09:	SOYBEANS	2.7	0.0	0.0	2.7	2.7	0.0	0.0	0.0	0.1	2.8	5.5
RP 3.07:	PEANUTS	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2
RP 3.08:	SUGAR	7.9	0.0	0.0	7.9	8.3	0.0	0.0	0.0	0.0	8.3	19.2
RP 3.09:	FORAGE, RANGE, & PASTURE	53.0	0.0	1.5	54.9	71.7	0.0	1.4	0.0	0.1	73.2	127.8
RP 3.10:	COTTON	14.9	0.0	0.0	14.9	19.0	0.0	0.0	0.0	0.1	19.1	34.1
RP 3.11:	TOBACCO	0.2	0.0	0.0	0.2	0.9	0.0	0.0	0.0	0.0	0.9	1.2
RP 3.12:	NEW CROPS & MINOR OILSEEDS	8.9	0.0	0.0	8.8	33.1	0.0	0.0	0.0	0.0	33.1	41.8
RP 3.13:	FRUIT	57.0	0.0	0.0	57.0	127.3	0.0	0.2	0.0	0.0	127.5	184.8
RP 3.14:	VEGETABLE CROPS	37.0	0.0	0.0	37.0	136.5	0.0	0.0	0.0	2.5	138.0	175.1
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	0.9	0.0	0.0	0.8	39.2	0.0	0.0	0.0	0.0	36.2	39.8
RP 3.19:	BEES & OTHER POLLINATING INSECTS	9.0	0.0	0.0	9.0	9.4	0.0	0.0	0.0	0.0	9.4	15.5
RP 3.17:	WEEDS IN CROPS	4.3	0.0	0.4	4.8	4.4	0.0	0.0	0.0	0.0	4.4	8.2
RP 3.18:	SEEDS	1.5	0.0	0.7	2.2	7.4	0.0	0.0	0.0	0.5	7.9	10.1

TABLE V-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1993 REGION 4

RESEARCH PROGRAM SUMMARY WESTERN REGION

	USDA				OTHER INSTITUTIONS						
	ARS/HNIS /OICD	ERS/ ACS	FS	USDA TOTAL	SAES	1890/ TUSK	FRSTRY SCH	VET SCH	OTHR	TOTAL	GRAND TOTAL
RP 3.10: NONSPECIFIC PLANTS	12.0	0.0	1.8	13.8	87.0	0.0	0.0	0.0	3.1	90.1	104.0
RP 4.01: BEEF	17.9	0.0	0.0	17.9	89.8	0.0	0.0	35.7	0.0	105.5	123.5
RP 4.02: DAIRY	3.2	0.0	0.0	3.2	35.3	0.0	0.0	18.1	0.0	53.4	56.6
RP 4.03: POULTRY	0.0	0.0	0.0	0.0	22.1	0.0	0.0	2.3	1.0	25.5	25.5
RP 4.04: SHEEP	13.8	0.0	0.0	13.8	34.8	0.0	0.0	7.0	0.0	41.8	55.5
RP 4.05: SWINE	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.7	0.8	10.1	10.1
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.1	0.0	0.0	1.1	19.3	0.0	0.0	20.1	0.0	39.4	40.6
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	1.0	0.0	0.0	1.0	25.8	0.0	0.0	1.4	2.9	29.9	31.0
RP 4.08: NONSPECIFIC ANIMALS	2.0	0.0	0.0	2.0	39.8	0.0	0.0	43.8	0.3	83.9	85.9
RP 4.09: INVERTEBRATES	0.3	0.0	0.0	0.3	21.7	0.0	0.0	0.0	0.4	22.1	22.4
RP 5.01: INDIVIDUALS AND FAMILIES	0.0	0.0	0.0	0.0	21.5	0.0	0.0	0.0	0.0	21.5	21.5
RP 5.02: LIVING ENVIRONMENT	0.0	0.0	1.7	1.7	5.7	0.0	0.0	0.0	0.0	5.7	7.4
RP 5.03: COMMUNITIES, INSTITUTIONS AND SERVICES	0.0	0.0	2.0	2.0	26.1	0.0	1.1	0.0	0.0	27.3	28.3
RP 5.04: INSECTS AFFECTING MAN AND HIS BELONGINGS	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	12.0	12.0
RP 5.05: RESEARCH ON ADMINISTRATION AND RESEARCH	0.0	0.0	0.0	0.0	8.1	0.0	0.2	0.0	0.3	8.6	8.6
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	18.8	18.8
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	0.8	0.0	0.0	0.8	22.5	0.0	0.0	0.0	0.8	23.3	24.2
RP 6.03: MARKETING & COMPETITION	0.0	0.0	0.0	0.0	30.2	0.0	0.1	0.0	0.0	30.3	30.3
RP 7.01: MANMADE RESOURCES	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	2.2	2.2
RP 7.02: TECHNOLOGY NOT ASSOC WITH SPEC COMM RESOURCES OR RPGS	4.9	0.0	0.0	4.8	74.7	0.0	0.5	0.0	0.5	75.8	80.7
RP 8.01: HUMAN NUTRITION	14.5	0.0	0.0	14.5	43.2	0.0	0.0	0.0	0.0	43.2	57.7
RP 8.02: FOOD PROCESSING	1.1	0.0	0.0	1.1	10.8	0.0	0.0	0.0	0.0	10.8	11.7
RP 8.03: FOOD SAFETY	8.5	0.0	0.0	8.5	27.3	0.0	0.0	0.8	0.3	28.2	36.7
RP 8.04: FOOD STORAGE DISTRIBUTION AND MARKETING	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	2.0
GRAND TOTAL	415.0	0.0	322.8	737.8	1550.8	0.0	132.8	135.2	23.3	1841.8	2578.7

*U.S. GOVERNMENT PRINTING OFFICE:1994-523-403/81345